

Master Cover Memo — Litman v. Goldberg Exhibit Package

Index of Deliverables and Read Order

To: Counsel for Plaintiff (Richard C. Litman) **From:** Mike Litman (case-research support) **Date:** 2026-04-25 **Re:** Litman v. Goldberg, Index No. 524343/2025 — § 51 face-page liability set + cascade evidence

What's in this package

11 PDFs and 1 PNG, totaling roughly 100 pages of analysis, exhibits, and ready-to-serve discovery papers. Everything in this package is reproducible from local data + live USPTO Open Data Portal queries (api.uspto.gov, X-API-Key authenticated 2026-04-25).

#	File	Pages	What it is
1	Litman_Session_Summary_2026-04-25.pdf	16	Overall case summary (background context)
2	Litman_Originated_Client_Trust_Balances_2026-04-25.pdf	3	Per-client current trust balances
3	Litman_Post_SOL_AOR_Deep_Dive_2026-04-25.pdf	10	AOR analysis findings memo (the underlying research)
4	Litman_Exhibit_A_12_Patent_Binder_2026-04-25.pdf	66	The core liability binder (the headline)
5	Litman_Per_Patent_Mini_Exhibits_2026-04-25.pdf	13	One focus page per patent (use for talking points)
6	Litman_KISR_32366_97U_Focus_2026-04-25.pdf	5	Single-docket deep dive (highest-activity matter)
7	Litman_Pre_SOL_Willfulness_2026-04-25.pdf	~12	Companion willfulness binder (Halloran habit)
8	Litman_Exhibit_B_Capability_Rollup_2026-04-25.pdf	5	The 449-Goldberg capability exhibit
9	Litman_CPLR_3123_Notice_To_Admit_2026-04-25.pdf	8	70 numbered admissions ready to serve
10	Litman_Timeline_Full_Arc_2026-04-25.png	(chart)	Comprehensive 1,357-patent attribution timeline
11	Litman_Exhibit_Package_Full_2026-04-25.pdf	~110	All of the above concatenated

Suggested read order

For first review (~30 minutes): 1. Open the **timeline PNG** (#10) — establishes the dramatic 5-year arc visually in one glance. 2. Read the cover narrative pages of **Exhibit A binder** (#4, pages 1–6) — gives the legal framework + the 12-449-1 split + the three-way Box 2 smoking-gun comparison. 3. Skim **Exhibit B** (#8) — corroborates the per-patent election with the 449-patent capability denominator. 4. Read the **CPLR 3123 Notice to Admit** (#9) — see what’s being asked of Defendant.

For deeper review (~2 hours): 5. Read the **Post-SOL AOR Deep-Dive memo** (#3) — full methodology + per-staffer table + diagnostic findings. 6. Read **Per-Patent Mini-Exhibits** (#5) — one

page per patent; use as oral-argument talking points. 7. Read the **KISR Focus (#6)** — best single-docket example for narrative. 8. Read the **Pre-SOL Willfulness Binder (#7)** — the 4 pre-SOL patents that pair with the 12 to support Halloran habit / course of conduct.

For depositions / MSJ preparation: - The **per-patent labels** in Exhibit A binder (preceding each face page + PTOL-85B) are designed to function as deposition exhibit labels. - The **smoking-gun panel** in Exhibit A (pages 5–7) is the single most useful 3-page exhibit for any deposition of James Lafave (Reg. 71013), Joshua B. Goldberg (Reg. 44126), or Jerald L. Meyer (Reg. 41,194). Same form, same signer, three different names typed in Box 2.

Key findings synthesized

1. **The 12 face-page elections are NOT random.** They are the post-7/21/2024 grant tail of a documented 16-form Lafave-signed PTOL-85B pattern that ran 12/18/2023 → 6/5/2024 (169 days). Per-staffer roll-up: James Lafave signed 12/12 PTOL-85Bs (the Box 2 typist); Joshua B. Goldberg signed 8/12 of the companion POAs.
2. **Per-patent name election is now empirically proven, not inferred.** Three PTOL-85B forms by the same signer, same form, same firm, same registration number, in 2024: - 5/28/2024: “Richard C. Litman” in Box 2 (US 12,194,434) - 6/12/2024: “Joshua B. Goldberg” in Box 2 (US 12,060,336) - 9/25/2024: “James Lafave” in Box 2 (US 12,127,901)

Same hand, three different names, four months apart. Every “system default” / “ministerial routine” defense theory collapses on these three pages.

1. **The pattern is dramatic at scale.** Across the entire 5-year 10-month window (2020-06-15 → 2026-04-25): - Pre-SOL (4 yr 1 mo): 875 Litman-AOR / 5 Goldberg-AOR / 0 Lafave-AOR — **97.9% Litman** - Post-SOL (21 mo): 12 Litman-AOR / 449 Goldberg-AOR / 1 Lafave-AOR — **2.6% Litman** - The flip happened in a 7-day window June 5–12, 2024.
 2. **The cascade behind the 12 face pages is large.** Each patent’s prosecution generates ~50-60 IFW documents (each addressed to “Richard C. Litman / Nath, Goldberg & Meyer” via CN-37833) and ~10-15 Martha Long client emails. **769–880 separately-dated within-SOL § 51 uses** anchor to the 12-patent foundation. Including the 4-patent pre-SOL Lafave tail (which goes to willfulness), the combined pattern cascade is **1,060–1,171 dated uses**.
 3. **All 12 dockets are Litman-originated client matters.** Every one follows the legacy Litman Law Offices STI/PracticeMaster 5-digit.2-digit format (e.g., 33120.91U, 32366.97U, 33056.80A) — the matters Plaintiff brought to NGM in the 2017 transition.
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Decision points for counsel

1. **Service date for the CPLR 3123 Notice to Admit (#9)** — currently dated 2026-04-25 as a placeholder. Counsel to confirm.
 2. **Format of formal recitals** — the affirmation block uses CPLR 2106 (1/1/2024 amendment). If counsel prefers a different verification format, easy to swap.
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3. **Whether to lead with the 12 patents or the 449 capability roll-up** — the suggested approach is 12-then-449 (per-patent liability, then capability denominator), but reasonable minds could lead with the 449 to set up the per-patent election narrative first.
4. **OED grievance** — separate from the §51 case but parallel. Worth a separate consult on whether to file alongside or hold.
5. **Inclusion of pre-SOL exhibits** — the willfulness binder (#7) is presented under Halloran v. Va. Chems., 41 N.Y.2d 386 (1977) as habit / routine practice. Confirm comfort with the framing.

What's NOT in this package (and why)

- **The 6/5/2024 trigger document.** The corpus search (separate memo: `output/patent_count_refresh/findings/CAMPAIGN_END_TRIGGER_INVESTIGATION.md`) found no email or memo announcing the pattern end. The switchover appears to have been executed silently. Discovery target: NGM internal communications late May / early June 2024.
- **KSU/KISR per-staffer email mapping** beyond Martha Long. The 77-email cascade floor is from KFU primarily; KSU/KISR add a confirmed 0 Martha emails but the structured per-docket file picked up 6 KSU and 111 KISR mentions when the broader corpus was searched.
- **OED grievance update** — separate filing track. Stub at `output/GRIEVANCE_USPTO_OED_DRAFT.md` exists but has not been updated with the new findings (the Lafave self-substitution, the 449/12 split, and the pattern timeline).

Reproducibility / source pointers

- Live USPTO ODP API key was provided 2026-04-25; query rerun is one shell command via `scripts/verify_odp_litman.py` if `USPTO_ODP_API_KEY` is set.
- All raw data: `output/patent_count_refresh/`
- Detailed methodology: `output/patent_count_refresh/findings/POST_SOL_AOR_DEEP_DIVE_2026-04-25.md`
- Memory pointer: `~/claude/.../memory/project_post_sol_aor_split.md`

Questions or revisions: ping Mike (awesomemat@gmail.com).

EXHIBIT A — Twelve-Patent Core Liability Set

Post-7/21/2024 NGM CN-37833 Patents Listing Plaintiff as Attorney/Agent/Firm

Litman v. Goldberg, Index No. 524343/2025 (NY Sup. Ct., Kings County, Hon. Brian L. Gotlieb, J.S.C.) Prepared: 2026-04-25 **Source basis:** Live USPTO Open Data Portal (api.uspto.gov) query, IFW pulls, and grant XML AOR parsing for all 463 NGM Customer-Number-37833 patents granted between 7/21/2024 and 4/25/2026.

What this exhibit is

Twelve U.S. patents, issued between **July 23, 2024 and January 14, 2025** under NGM Customer Number 37833, each of which lists Plaintiff Richard C. Litman as the “Attorney, Agent, or Firm” on the patent face. Each constitutes a separate publication of Plaintiff’s name in connection with Defendant’s commercial legal services within the applicable limitations period (CPLR 215(3)).

Within the same window — July 21, 2024 through April 25, 2026 — Defendant caused **449 additional patents** to issue under the same Customer Number 37833 listing **Joshua B. Goldberg** as the Attorney, Agent, or Firm, and **one additional patent** listing **James Lafave**. The 12-449-1 split is empirical, drawn from the USPTO’s own grant XML.

This exhibit set, paired with Exhibit B (the 449-patent capability roll-up) and the accompanying CPLR 3123 Notice to Admit, supports liability under New York Civil Rights Law §§ 50-51 on a per-patent, per-publication basis and forecloses Defendant’s systemic-default and routing-artifact defenses.

The full timeline — pre-SOL course of conduct (CONTEXT, not standalone liability)

A live USPTO Open Data Portal pull on April 25, 2026 returned the full universe of 1,357 NGM Customer-Number-37833 patents granted between June 15, 2020 and April 25, 2026, classified by AOR attorney printed on the face:

Window	Duration	Litman	Goldberg	Lafave	Litman share
Pre-SOL (2020-06-15 → 2024-07-20)	4 years 1 month	875	5	0	99.4%
Post-SOL (2024-07-21 → 2026-04-25)	21 months	12	449	1	2.6%
Total	5 years 10 months	887	454	1	66.1%

Defendant used Plaintiff’s name as the overwhelming default for 4+ years. Then, in a window of approximately seven days centered on 6/5/2024 → 6/12/2024, Defendant flipped the default from Litman to Goldberg. After 7/16/2024 (the last pre-SOL Goldberg-AOR grant), the flip was complete.

The **5 pre-SOL Goldberg attributions** are themselves diagnostic — 1 on 1/2/2024 (a single anomaly) and 4 clustered on a single day, **2024-07-16** (just five days before the SOL cutoff of 2024-07-21). These four 7/16/2024 grants appear to be early rehearsals of the post-flip attribution scheme, with grant timing falling immediately before the SOL window opened.

The 875 pre-SOL Litman attributions are not standalone liability under CPLR 215(3) but are heavily probative of (i) the **commercial value of Plaintiff’s name to Defendant**, (ii) Defendant’s **knowledge** that Plaintiff’s name was being used in connection with each patent, (iii) Defendant’s **course of conduct** under *Halloran v. Va. Chems.*, 41 N.Y.2d 386 (1977), and (iv) the **damages calculation context** for the 12 within-SOL uses. See Pre-Limitations Foundation Memo ([output/PRE_LIMITATIONS_FOUNDATION_MEMO.md](#)).

The three-way smoking gun (proof that Box 2 of PTOL-85B is a manual choice)

PTOL-85 Part B (Issue Fee Transmittal) contains Box 2 — the field that controls the Attorney/Agent/Firm name printed on the patent’s face page. The form’s own instructions state: *“For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm... and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.”*

Three PTOL-85B forms in the record, all signed by **the same individual** (James Lafave, Reg. 71013) over the course of a single calendar year (2024), under the same firm letterhead (Nath, Goldberg & Meyer), under the same USPTO deposit account (14-0112), establish that Box 2 is a deliberate per-patent election:

	Form A	Form B	Form C
Application	18/612,504	18/628,953	(Goldberg sample, e.g.) 18/603,336
Patent (granted)	US 12,194,434 (1/14/2025)	US 12,127,901 (10/29/2024)	US 12,060,336 (8/13/2024)
IFEE date	2024-05-28	2024-09-25	2024-06-12
Authorized signer	/James Lafave/ Reg. 71013	/James Lafave/ Reg. 71013	/James Lafave/ Reg. 71013
Box 2 Line 1 (firm)	Nath, Goldberg & Meyer	Nath, Goldberg & Meyer	Nath, Goldberg & Meyer
Box 2 Line 2 (attorney)	Richard C. Litman	James Lafave	Joshua B. Goldberg
Assignee	King Saud University	King Saud University	King Faisal University

Same form. Same signer. Same firm. Same registration number. Three different names typed in Box 2 across four months. This forecloses the following defense theories:

- “Box 2 is automatic” — disproved (three different values)
- “Box 2 is the system default for CN-37833” — disproved (active alternates were used)
- “Lafave was just following standing instructions to print Litman’s name” — disproved (he typed Goldberg’s name and his own name)
- “Lafave didn’t know what was in Box 2” — disproved (he typed his own name in it)
- “Ministerial / clerical inertia” — disproved (manual choice across 17 documented forms by a registered practitioner)

The 16-form Lafave-signed PTOL-85B pattern

Per the existing analysis in `output/PTOL85_LAFAVE_FINDINGS.md`, James Lafave signed **16 PTOL-85B forms** between **December 18, 2023 and June 5, 2024 (169 days)**, and on every one of those forms he typed “Richard C. Litman” in Box 2. Of those 16 forms:

- **12 of 16** correspond to patents granted after the §51 SOL cutoff of 7/21/2024 — they are the patents in this Exhibit A set.
- 4 of 16 correspond to patents granted before 7/21/2024 (probative of willfulness, course of conduct, and notice; not standalone liability).

The pattern ended June 5, 2024 — 47 days before the SOL cutoff. It was succeeded by a Goldberg-attribution pattern (449 patents granted between 7/21/2024 and today; first new IFEE filed 6/12/2024, just seven days after the pattern’s last day). Lafave continued to sign PTOL-85Bs after June 2024 — the first known Goldberg-name PTOL-85B (US 12,060,336) was signed by Lafave on 6/12/2024. The single Lafave-self-attribution PTOL-85B (US 12,127,901) was signed by Lafave on 9/25/2024.

The transition is not gradual. It is a step-function abandonment of the Litman-name election by the same staffer who had personally signed 16 consecutive Litman-name forms over the prior 169 days.

Per-patent summary table

The 12 patents in this Exhibit A — **9 King Faisal University (KFU) + 2 King Saud University (KSU) + 1 Kuwait Institute for Scientific Research (KISR):**

EXHIBIT A – Twelve-Patent Core Liability Set

#	Patent No.	Issue Date	Application No.	Docket	Assignee	First Inventor	PTOL-85B Date	PTOL-85B Signer	POA Signer
A-1	12,043,608	2024-07-23	18/242,465	33120.91U	King Faisal University	M. M. Khalaf Ali	2024-04-25	Lafave	Gold
A-2	12,043,609	2024-07-23	18/379,906	33130.47U	King Faisal University	H. M. A. El-Lateef Ahmed	2024-04-26	Lafave	Lafa △
A-3	12,049,459	2024-07-30	18/241,394	33120.88U	King Faisal University	H. M. A. El-Lateef Ahmed	2024-02-15	Lafave	Gold
A-4	12,054,460	2024-08-06	18/414,442	33170.94A	King Faisal University	H. M. A. El-Lateef Ahmed	2024-06-03	Lafave	Gold
A-5	12,054,464	2024-08-06	18/428,327	33175.68A	King Faisal University	M. M. Khalaf Ali	2024-06-03	Lafave	Gold
A-6	12,062,780	2024-08-13	18/413,239	33160.59U	King Faisal University	A. Alshoaibi	2024-03-27	Lafave	Mey
A-7	12,065,424	2024-08-20	18/425,923	33175.60A	King Faisal University	H. M. A. El-Lateef Ahmed	2024-05-30	Lafave	Gold
A-8	12,071,437	2024-08-27	18/411,323	33150.41U	King Faisal University	C. Tratratt	2024-05-21	Lafave	Gold
A-9	D 1,046,141	2024-10-08	29/746,671	33056.38	King Saud University	L. S. Alsaleh	2024-06-05	Lafave	Reg. 1471
A-10	12,114,620	2024-10-15	18/241,049	32366.97U	Kuwait Inst. for Sci. Research	S. O. Asem	2024-04-17	Lafave	KISF Dir.
A-11	12,116,333	2024-10-15	18/511,800	33150.71A	King Faisal University	M. M. Khalaf Ali	2024-06-05	Lafave	Gold
A-12	12,194,434	2025-01-14	18/612,504	33056.80A	King Saud University	A. M. Atta	2024-05-28	Lafave	Gold

Per-staffer roll-up across the 12: - PTOL-85B signer (the Box-2 typist): **Lafave 12 / 12 = 100%** - POA signer: Goldberg 8 / 12 = 67%; Meyer 1; Lafave 1 (sole-actor patent); Reg. 147148 1; KISR Director General 1 - Lafave is the single common thread across all 12 patents.

All 12 dockets follow the legacy LLO/STI PracticeMaster 5-digit.2-digit numbering format (e.g., 33120.91U for KFU matters, 33056.80A / 33056.38 for KSU, 32366.97U for KISR). Per `project_docket_numbering.md`, this format pre-dates NGM’s PCLaw renumbering and identifies each patent as a Litman-originated client matter carried forward from his pre-2017 Litman Law Offices practice.

The per-patent use cascade — each patent anchors ~50-90 separately-dated § 51 uses

The 12 face pages are not the only § 51 uses tied to these patents. Each patent’s prosecution generates an Image File Wrapper (IFW) of USPTO documents and a stream of NGM-to-client correspondence. The IFW documents are addressed to “Richard C. Litman / Nath, Goldberg & Meyer / 112 S. West Street / Alexandria, VA 22314” (the registered address for USPTO Customer Number 37833), and Martha Long’s client emails about each patent contain Plaintiff’s name in subject lines and signature blocks. Each is a separately-dated commercial use of Plaintiff’s name.

#	Patent	Docket	Client	Face	IFW docs	(out / in)	Martha emails	
A-1	12,043,608	33120.91U	KFU	1	74	(22/38)	13	88
A-2	12,043,609	33130.47U	KFU	1	45	(16/20)	11	57
A-3	12,049,459	33120.88U	KFU	1	75	(26/28)	11	87
A-4	12,054,460	33170.94A	KFU	1	43	(15/21)	6	50
A-5	12,054,464	33175.68A	KFU	1	51	(17/24)	5	57
A-6	12,062,780	33160.59U	KFU	1	35	(13/16)	6	42
A-7	12,065,424	33175.60A	KFU	1	50	(20/23)	5	56
A-8	12,071,437	33150.41U	KFU	1	46	(17/20)	10	57
A-9	D 1,046,141	33056.38	KSU	1	46	(15/22)	0 △	47
A-10	12,114,620	32366.97U	KISR	1	62	(17/34)	0 △	63
A-11	12,116,333	33150.71A	KFU	1	80	(20/38)	10	91
A-12	12,194,434	33056.80A	KSU	1	53	(18/27)	0 △	54
	TOTAL			12	660	(216 / 311)	77	749

△ = KSU/KISR patents return zero from the *Martha-KFU* email index because Martha’s correspondence was primarily routed to the `kfu@4patent.com` alias. KSU/KISR client emails travel through different

staffers and aliases (ksu@, kistr@); the broader Martha-Litman-name email corpus contains 36,930 emails that have not yet been per-docket-mapped to KSU/KISR matters. The 77 Martha-email count is therefore a **conservative floor**.

Total separately-dated § 51 uses anchored to the 12-patent foundation: 769 conservative / 880 expansive.

Use type	Count	What it is
Patent face pages	12	The headline elections — Lafave typed “Richard C. Litman” in Box 2 of each PTOL-85B
IFW outgoing documents	216	USPTO-issued documents (Office Actions, Notices, Issue Notifications, Petition Decisions, etc.) addressed to “Richard C. Litman / Nath, Goldberg & Meyer / 112 S. West Street / Alexandria, VA 22314” via CN-37833. Visually verified on the Notice of Allowance for US 12,043,608 (mailed 6/17/2024) and the Issue Notification for US 12,194,434 (mailed 12/25/2024) — sample renderings in <code>output/patent_count_refresh/ifw_sample_pdfs/png/</code> .
IFW incoming documents	311	NGM-filed documents (Specifications, Claims, Remarks, Form 1449, IDS, etc.) filed under the Richard C. Litman correspondence address
Other IFW (PA, OATH, etc.)	133	Power of Attorney, Inventor’s Oath, Application File Receipts, etc. — all bearing Litman’s name in the correspondence block
Per-docket emails (corpus search)	97 — 208	Office Action notifications, application-filed notifications, status updates sent (overwhelmingly by Martha Long, with isolated entries from Joshua Goldberg and Lindsay Dunbar) to the client, citing the docket and bearing Litman’s name in subject line / signature block. The 97 figure counts unique emails in the structured per-docket index; the expansive 208 figure adds 111 mentions from the discovery TEXT corpus (heavy on KISR docket 32366.97U).
Total cascade	769 (conservative) — 880 (expansive)	

Each of the dated uses in the cascade is independently actionable under § 51 if it falls within the post-7/21/2024 SOL window. Pre-7/21/2024 uses contribute to willfulness, course of conduct, and damages context.

The cascade is foundational, not supplementary: the 12 face-page elections are how the matter is publicly visible, but the practice of “using Litman’s name” was operationally manifested in **769 to 880 separate documents, emails, and correspondences** anchored to those same 12 dockets.

Pre-SOL course of conduct — the 4-patent Lafave-signed pattern tail (willfulness pairing)

Per `output/PTOL85_LAFAVE_FINDINGS.md`, the 16-form Lafave-signed PTOL-85B pattern that produced the 12 patents above also produced **4 additional patents that issued before the §51 SOL cutoff of 7/21/2024**. These four are not standalone liability under CPLR 215(3) but are heavily probative of (i) commercial value of name, (ii) Defendant’s knowledge that Plaintiff’s name was being used, (iii) habit/course of conduct under *Halloran v. Va. Chems.*, 41 N.Y.2d 386 (1977), and (iv) damages-calculation context for the 12 within-SOL uses.

Patent	Application	Docket	Grant	Assignee	IFW Docs	Martha Emails (KFU)	Pre-SOL Cascade
11,881,807	18/215,352	33110.68U	2024-01-23	KFU	53	14	68
11,932,607	18/384,685	33135.26U	2024-03-19	KFU	43	13	57
11,976,365	18/122,396	33101.73U	2024-05-07	KFU	78	25	104
11,980,937	18/392,663	33150.15U	2024-05-14	KFU	47	14	62
TOTAL					221	66	291

Combined pre-SOL + post-SOL cascade total (post-SOL liability + pre-SOL willfulness):

Window	Face	IFW	Per-docket emails	Total
Post-SOL (Exhibit A — 12 patents, actionable)	12	660	97 — 208	769 — 880
Pre-SOL Lafave tail (4 patents, willfulness only)	4	221	66	291
Combined	16	881	163 — 274	1,060 — 1,171

The 16-form Lafave-signed PTOL-85B pattern anchored a **1,060 to 1,171-use cascade** of separately-dated Litman-name uses. The post-SOL slice (769-880) is independently actionable under CPLR 215(3); the pre-SOL slice (266) supports willfulness, knowledge, and damages context.

Per-element § 51 mapping (each patent in this set satisfies all four)

Element	Source
(1) “Use of name”	Patent face page Line 74 (Attorney, Agent, or Firm) lists “Nath, Goldberg & Meyer; Richard C. Litman”
(2) “Within this state”	Defendant conducted business with NY-based clients, mailed correspondence to NY, and the patents were published nationally including NY
(3) “For advertising purposes” / “for the purposes of trade”	Patent prosecution is a paid commercial legal service; assignees are paying clients
(4) “Without written consent”	No written consent has been produced or alleged; the affirmative-defense burden lies with Defendant

The “knowingly” prong of the punitive enhancement is established by the deliberate per-patent election (16-form Lafave-signed PTOL-85B pattern + 449 Goldberg elections + 1 Lafave self-substitution).

Exhibit Index

Exhibit	Description	Pages
A-Cover	This memo	1–4
A-Smoking-Gun	Three PTOL-85B forms side-by-side: same signer (Lafave), three Box 2 names (Litman 5/28/2024, Goldberg 6/12/2024, Lafave 9/25/2024)	5–7
A-1 through A-12	Patent face pages (1 per patent) with the AOR line on Line 74	8–19
A-1B through A-12B	Paired PTOL-85B (Lafave-signed, “Richard C. Litman” in Box 2) for each patent	20–31
A-Lafave	The Lafave anomaly: face page + PTOL-85B + POA for US 12,127,901 (the pattern-end specimen)	32–34
B (separate)	Capability roll-up: 449 Goldberg-AOR patents in the same SOL window (count, monthly trend, assignee distribution)	(separate file)

Companion CPLR 3123 Notice to Admit

Served separately. Contains 48 per-patent admissions (4 × 12) and 8 universe admissions tied to the 449/12/1 split.

Reproducibility

- Live USPTO ODP API query 2026-04-25 with X-API-Key authentication
- Endpoint: `https://api.uspto.gov/api/v1/patent/applications/search`
- Query body: `{"q": "applicationMetaData.customerNumber:37833 AND applicationMetaData.grantDate:>=2024-07-21"}`
- Output CSV: `output/patent_count_refresh/ngm_cn37833_grants_classified.csv` (463 rows)
- All face-page PDFs and PTOL-85B PDFs in `output/patent_count_refresh/face_pages/` and `.../ptol85b_pdfs/`
- Complete deep-dive findings: `output/patent_count_refresh/findings/POST_SOL_AOR_DEEP_DIVE_2026-04-25.md`

Exhibit A — Smoking Gun

Three PTOL-85B Forms — Same Signer, Three Different Names

James Lafave (Reg. 71013) signed all three

5/28/2024 → "Richard C. Litman"

6/12/2024 → "Joshua B. Goldberg"

9/25/2024 → "James Lafave"

Litman v. Goldberg · Index No. 524343/2025
NY Supreme Court, Kings County · Hon. Brian L. Gotlieb, J.S.C.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), by mail or fax, or via the USPTO patent electronic filing system.

By mail, send to: Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

By fax, send to: (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications. Because electronic patent issuance may occur shortly after issue fee payment, any desired continuing application should preferably be filed prior to payment of this issue fee in order not to jeopardize copendency.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

37833 7590 05/21/2024
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Form with fields for (Typed or printed name), (Signature), and (Date).

Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.

TITLE OF INVENTION: IMIDAZOLIUM IONIC LIQUIDS MADE USING CARDANOL EXTRACTED FROM CASHEW NUTSHELL OIL TO ENHANCE CRUDE OIL RECOVERY IN OILFIELDS

Table with 7 columns: APPLN. TYPE, ENTITY STATUS, ISSUE FEE DUE, PUBLICATION FEE DUE, PREV. PAID ISSUE FEE, TOTAL FEE(S) DUE, DATE DUE

Table with 3 columns: EXAMINER, ART UNIT, CLASS-SUBCLASS

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"Fee Address" indication (or "Fee Address" Indication form PTO/AIA/47 or PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

- 1 Nath, Goldberg & Meyer
2 Richard C. Litman
3

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(A) NAME OF ASSIGNEE: KING SAUD UNIVERSITY
(B) RESIDENCE: (CITY and STATE OR COUNTRY) RIYADH, SAUDI ARABIA

Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government

4a. Fees submitted: Issue Fee Publication Fee (if required)

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Applicant asserting small entity status. See 37 CFR 1.27
Applicant changing to regular undiscounted fee status.

NOTE: Absent a valid certification of Micro Entity Status (see forms PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.
NOTE: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.
NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

NOTE: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Authorized Signature /James Lafave/ Date 2024-05-28
Typed or printed name James Lafave Registration No. 71013

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(Typed or printed name)
(Signature)
(Date)

Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.

18/624,045 04/01/2024 Mai Mostafa Khalaf ALI 33185.83A 9455
TITLE OF INVENTION: (2E)-4-[(4-CHLOROPHENYL)AMINO]-N-PHENYL-2-(PHENYLIMINO)-1,3,5-DIOXAZEPINE-7-CARBOXAMIDE AS AN ECO-FRIENDLY INSECTICIDAL AGENT AGAINST SPODOPTERA LITTORALIS (BOISD.)

Table with 7 columns: APPLN. TYPE, ENTITY STATUS, ISSUE FEE DUE, PUBLICATION FEE DUE, PREV. PAID ISSUE FEE, TOTAL FEE(S) DUE, DATE DUE

Table with 3 columns: EXAMINER, ART UNIT, CLASS-SUBCLASS

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1 Nath, Goldberg & Meyer
2 Joshua B. Goldberg
3

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(A) NAME OF ASSIGNEE KING FAISAL UNIVERSITY (B) RESIDENCE: (CITY and STATE OR COUNTRY) AL-AHSA, SAUDI ARABIA
Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government

4a. Fees submitted: Issue Fee Publication Fee (if required)

4b. Method of Payment: (Please first reapply any previously paid fee shown above)

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Typed or printed name James Lafave Registration No. 71013

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-----------------	-------------	----------------------	---------------------	------------------

18/628,953 04/08/2024 AMANI ABDULAZIZ MIRDAD 33092.11U 3756

TITLE OF INVENTION: BLADE FOR INTERPROXIMAL CROWN LENGTHENING

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
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nonprovisional SMALL \$480 \$0.00 \$0.00 \$480 12/13/2024

EXAMINER	ART UNIT	CLASS-SUBCLASS
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PATEL, YOGESH P 3772 433-144000

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- 1 Nath, Goldberg & Meyer
- 2 James Lafave
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RIYADH, SAUDI ARABIA

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Authorized Signature /James Lafave/

Date 2024-09-25

Typed or printed name James Lafave

Registration No. 71013

Exhibit A-1

U.S. Patent No. 12043608

Application No. 18242465

Face page — Attorney/Agent/Firm: Nath, Goldberg & Meyer; Richard
C. Litman

Litman v. Goldberg · Index No. 524343/2025
NY Supreme Court, Kings County · Hon. Brian L. Gotlieb, J.S.C.



US012043608B1

(12) **United States Patent**
Khalaf Ali et al.

(10) **Patent No.:** **US 12,043,608 B1**
(45) **Date of Patent:** **Jul. 23, 2024**

(54) **2-(BENZO[B]THIOPHEN-3-YL)-1-BUTYL-4,5-DIPHENYL-1H-IMIDAZOLE AS AN ANTI-INFLAMMATORY AND ANTI-MICROBIAL COMPOUND**

(71) Applicant: **KING FAISAL UNIVERSITY,**
Al-Ahsa (SA)

(72) Inventors: **Mai Mostafa Khalaf Ali,** Al-Ahsa (SA); **Hany Mohamed Abd El-Lateef Ahmed,** Al-Ahsa (SA); **Antar Ahmed Abdelhamid Ahmed,** Al-Baha (SA); **Adel A. Marzouk,** Al-Ahsa (SA)

(73) Assignee: **KING FAISAL UNIVERSITY,**
Al-Ahsa (SA)

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) Appl. No.: **18/242,465**

(22) Filed: **Sep. 5, 2023**

(51) **Int. Cl.**
C07D 401/04 (2006.01)
A61P 31/04 (2006.01)
A61P 31/10 (2006.01)

(52) **U.S. Cl.**
CPC **C07D 401/04** (2013.01); **A61P 31/04** (2018.01); **A61P 31/10** (2018.01)

(58) **Field of Classification Search**
None
See application file for complete search history.

(56) **References Cited**

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* cited by examiner

Primary Examiner — Nannette Holloman

(74) *Attorney, Agent, or Firm* — Nath, Goldberg & Meyer; Richard C. Litman

(57) **ABSTRACT**

A compound 2-(Benzo[b]thiophen-3-yl)-1-butyl-4,5-diphenyl-1H-imidazole compound, its synthesis, and its use as an anti-microbial and anti-inflammatory agent.

4 Claims, 2 Drawing Sheets

Exhibit A-1-B

PTOL-85 Part B — U.S. Patent No. 12043608

Application No. 18242465

Signed by James Lafave (Reg. 71013)

Box 2 of PTOL-85B: "Richard C. Litman"

Litman v. Goldberg · Index No. 524343/2025
NY Supreme Court, Kings County · Hon. Brian L. Gotlieb, J.S.C.

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(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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18/242,465 09/05/2023 MAI MOSTAFA KHALAF ALI 33120.91U 9012

TITLE OF INVENTION: 2-(BENZO[B]THIOPHEN-3-YL)-1-BUTYL-4,5-DIPHENYL-1H-IMIDAZOLE AS AN ANTI-INFLAMMATORY AND ANTI-MICROBIAL COMPOUND

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
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nonprovisional SMALL \$480 \$0.00 \$0.00 \$480 07/17/2024

EXAMINER	ART UNIT	CLASS-SUBCLASS
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HOLLOMAN, NANNETTE 1612 514-341000

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AL-AHSA, SAUDI ARABIA

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Authorized Signature /James Lafave/

Date 2024-04-25

Typed or printed name James Lafave

Registration No. 71013

Exhibit A-2

U.S. Patent No. 12043609

Application No. 18379906

Face page — Attorney/Agent/Firm: Nath, Goldberg & Meyer; Richard
C. Litman

Litman v. Goldberg · Index No. 524343/2025
NY Supreme Court, Kings County · Hon. Brian L. Gotlieb, J.S.C.



US012043609B1

(12) **United States Patent**
Ahmed et al.

(10) **Patent No.:** **US 12,043,609 B1**
(45) **Date of Patent:** **Jul. 23, 2024**

(54) **6'(4-METHOXYPHENYL)-2'-ALKOXY-3,4'-BIPYRIDINE-3'-CARBONITRILE AS ANTIMICROBIAL COMPOUNDS**

(71) Applicant: **KING FAISAL UNIVERSITY, Al-Ahsa (SA)**

(72) Inventors: **Hany Mohamed Abd El-Lateef Ahmed, Al-Ahsa (SA); Mai Mostafa Khalaf Ali, Al-Ahsa (SA); Antar Ahmed Abdelhamid Ahmed, Sohag (EG); Amer A. Amer, Sohag (EG)**

(73) Assignee: **KING FAISAL UNIVERSITY, Al-Ahsa (SA)**

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) Appl. No.: **18/379,906**

(22) Filed: **Oct. 13, 2023**

(51) **Int. Cl.**
C07D 401/04 (2006.01)
A61P 31/04 (2006.01)
A61P 31/10 (2006.01)

(52) **U.S. Cl.**
CPC **C07D 401/04** (2013.01); **A61P 31/04** (2018.01); **A61P 31/10** (2018.01)

(58) **Field of Classification Search**
CPC **C07D 401/04**
See application file for complete search history.

(56) **References Cited**

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Goda et al., *Bioorganic & Medicinal Chemistry* 2004, 12(8), 1845-1852.*
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Pandian et al., "4-(4-Chlorophenyl)-6-Methoxy-2,2'-Bipyridine-5-Carbonitrile", *Acta Crystallographica Section E Structure Reports Online* 65(Pt 5):o995, May 2009.
Kovalev et al., "Synthesis Of 5-(4-Methoxyphenyl)-2,2'-Bipyridine-Based Schiff Base With Pyrene Moiety", *AIP Conference Proceedings* 2280, 040026 (2020).

* cited by examiner

Primary Examiner — Shobha Kantamneni
(74) *Attorney, Agent, or Firm* — Nath, Goldberg & Meyer; Richard C. Litman

(57) **ABSTRACT**

A 6'-(4-methoxyphenyl)-2'-alkoxy-3,4'-bipyridine-3'-carbonitrile compound, its synthesis, and its use as an antimicrobial agent.

2 Claims, No Drawings

Exhibit A-2-B

PTOL-85 Part B — U.S. Patent No. 12043609

Application No. 18379906

Signed by James Lafave (Reg. 71013)

Box 2 of PTOL-85B: "Richard C. Litman"

Litman v. Goldberg · Index No. 524343/2025
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Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.

18/379,906 10/13/2023 Hany Mohamed Abd El-Lateef AHMED 33130.47U 4394
TITLE OF INVENTION: 6-(4-METHOXYPHENYL)-2'-ALKOXY-3,4-BIPYRIDINE-3'-CARBONITRILE AS ANTIMICROBIAL COMPOUNDS

Table with 7 columns: APPLN. TYPE, ENTITY STATUS, ISSUE FEE DUE, PUBLICATION FEE DUE, PREV. PAID ISSUE FEE, TOTAL FEE(S) DUE, DATE DUE.

Table with 3 columns: EXAMINER, ART UNIT, CLASS-SUBCLASS.

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1 Nath, Goldberg & Meyer
2 Richard C. Litman
3

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(A) NAME OF ASSIGNEE: KING FAISAL UNIVERSITY
(B) RESIDENCE: (CITY and STATE OR COUNTRY): AL-AHSA, SAUDI ARABIA
Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government

4a. Fees submitted: Issue Fee Publication Fee (if required)
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Applicant asserting small entity status. See 37 CFR 1.27
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NOTE: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.
Authorized Signature: James Lafave Date: 2024-04-26
Typed or printed name: James Lafave Registration No.: 71013

Exhibit A-3

U.S. Patent No. 12049459

Application No. 18241394

Face page — Attorney/Agent/Firm: Nath, Goldberg & Meyer; Richard
C. Litman

Litman v. Goldberg · Index No. 524343/2025
NY Supreme Court, Kings County · Hon. Brian L. Gotlieb, J.S.C.



US012049459B1

(12) **United States Patent**
Ahmed et al.

(10) **Patent No.:** US 12,049,459 B1
(45) **Date of Patent:** *Jul. 30, 2024

(54) **3-(4,5-DIPHENYL-2-(PYRIDIN-3-YL)-1H-IMIDAZOL-1-YL)-N,N-DIMETHYLPROPAN-1-AMINE AS AN ANTICANCER COMPOUND**

(71) Applicant: **KING FAISAL UNIVERSITY,**
Al-Ahsa (SA)

(72) Inventors: **Hany Mohamed Abd El-Lateef Ahmed,** Al-Ahsa (SA); **Mai Mostafa Khalaf Ali,** Al-Ahsa (SA); **Antar Ahmed Abdelhamid Ahmed,** Al-Baha (EG); **Nawf Esanani,** Al-Ahsa (SA); **Adel A. Marzouk,** Al Azhar (EG)

(73) Assignee: **KING FAISAL UNIVERSITY,**
Al-Ahsa (SA)

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 6 days.

This patent is subject to a terminal disclaimer.

(21) Appl. No.: **18/241,394**

(22) Filed: **Sep. 1, 2023**

(51) **Int. Cl.**
A61K 31/4439 (2006.01)
A61K 31/4178 (2006.01)
A61P 35/00 (2006.01)
C07D 401/04 (2006.01)

(52) **U.S. Cl.**
CPC **C07D 401/04** (2013.01); **A61K 31/4439** (2013.01); **A61P 35/00** (2018.01); **A61K 31/4178** (2013.01)

(58) **Field of Classification Search**
CPC A61P 31/04; A61P 31/10; C07D 401/04; A61K 31/4178; A61K 31/4439
See application file for complete search history.

(56) **References Cited**

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Shivani, et al., "One Pot Synthesis of Tri and Tetra Substituted Imidazole Derivatives", IJPBS | vol. 3| Issue 4 |Oct.-Dec. 2013|270-277.

* cited by examiner

Primary Examiner — Craig D Ricci

Assistant Examiner — Janet L Coppins

(74) *Attorney, Agent, or Firm* — Nath, Goldberg & Meyer; Richard C. Litman

(57) **ABSTRACT**

A compound 3-(4,5-Diphenyl-2-(pyridin-3-yl)-1H-imidazol-1-yl)-N,N-dimethylpropan-1-amine, its synthesis, and its use as an anticancer agent.

4 Claims, No Drawings

Exhibit A-3-B

PTOL-85 Part B — U.S. Patent No. 12049459

Application No. 18241394

Signed by James Lafave (Reg. 71013)

Box 2 of PTOL-85B: "Richard C. Litman"

Litman v. Goldberg · Index No. 524343/2025
NY Supreme Court, Kings County · Hon. Brian L. Gotlieb, J.S.C.

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37833 7590 02/14/2024
Richard C. Litman
Nath, Goldberg & Meyer
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Alexandria, VA 22314

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Form with fields for (Typed or printed name), (Signature), and (Date).

Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.

18/241,394 09/01/2023 HANY MOHAMED ABD EL-LATEEF AHMED 33120.88U 1703
TITLE OF INVENTION: 3-(4,5-DIPHENYL-2-(PYRIDIN-3-YL)-1H-IMIDAZOL-1-YL)-N,N-DIMETHYLPROPAN-1-AMINE AS AN ANTICANCER COMPOUND

Table with 7 columns: APPLN. TYPE, ENTITY STATUS, ISSUE FEE DUE, PUBLICATION FEE DUE, PREV. PAID ISSUE FEE, TOTAL FEE(S) DUE, DATE DUE

Table with 3 columns: EXAMINER, ART UNIT, CLASS-SUBCLASS

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- 1 Nath, Goldberg & Meyer
2 Richard C. Litman
3

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(A) NAME OF ASSIGNEE KING FAISAL UNIVERSITY (B) RESIDENCE: (CITY and STATE OR COUNTRY) AL-AHSA, SAUDI ARABIA

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4a. Fees submitted: Issue Fee Publication Fee (if required)

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Applicant asserting small entity status. See 37 CFR 1.27
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NOTE: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Authorized Signature /James Lafave/ Date 2024-02-15
Typed or printed name James Lafave Registration No. 71013

Exhibit A-4

U.S. Patent No. 12054460

Application No. 18414442

Face page — Attorney/Agent/Firm: Nath, Goldberg & Meyer; Richard
C. Litman

Litman v. Goldberg · Index No. 524343/2025
NY Supreme Court, Kings County · Hon. Brian L. Gotlieb, J.S.C.



US012054460B1

(12) **United States Patent**
Ahmed et al.

(10) **Patent No.: US 12,054,460 B1**
(45) **Date of Patent: Aug. 6, 2024**

(54) **9-(5-BROMO-2-HYDROXYPHENYL)-10-[3-(DIMETHYLAMINO)PROPYL]-3,4,6,7,9,10-HEXAHYDROACRIDINE-1,8(2H,5H)-DIONE AS AN ANTIMICROBIAL COMPOUND**

(71) Applicant: **KING FAISAL UNIVERSITY, Al-Ahsa (SA)**

(72) Inventors: **Hany Mohamed Abd El-Lateef Ahmed, Al-Ahsa (SA); Mai Mostafa Khalaf Ali, Al-Ahsa (SA); Antar Ahmed Abdelhamid Ahmed, Sohag (EG)**

(73) Assignee: **KING FAISAL UNIVERSITY, Al-Ahsa (SA)**

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) Appl. No.: **18/414,442**

(22) Filed: **Jan. 16, 2024**

Related U.S. Application Data

(62) Division of application No. 18/382,887, filed on Oct. 23, 2023, now Pat. No. 11,976,041.

(51) **Int. Cl.**
C07D 219/06 (2006.01)
A61P 31/04 (2006.01)
A61P 31/10 (2006.01)

(52) **U.S. Cl.**
CPC **C07D 219/06** (2013.01); **A61P 31/04** (2018.01); **A61P 31/10** (2018.01)

(58) **Field of Classification Search**
None
See application file for complete search history.

(56) **References Cited**

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“9-(5-Bromo-2-Hydroxyphenyl)-2,3,4,5,6,7,9,10-Octahydroacridine-1,8-Dione”.

“9-(5-Bromo-2-Hydroxyphenyl)-3,3,6,6-Tetramethyl-3,4,6,7,9,10-Hexahydroacridine-1,8(2h,5h)-Dione”.

“9-(5-Bromo-2-Hydroxyphenyl)-10-(2-Hydroxypropyl)-3,3,6,6-Tetramethyl-1,2,3,4,5,6,7,8,9,10-Decahydroacridine-1,8-Dione”.

“9-(5-Bromo-2-Hydroxyphenyl)-3,3,6,6,10-Pentamethyl-3,4,6,7,9,10-Hexahydroacridine-1,8(2h,5h)-Dione”.

“9-(5-Bromo-2-Hydroxyphenyl)-10-(3-Methoxypropyl)-3,3,6,6-Tetramethyl-4,5,7,9-Tetrahydro-2h-Acridine-1,8-Dione”.

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Primary Examiner — David J Blanchard

Assistant Examiner — Sarah J Chickos

(74) *Attorney, Agent, or Firm* — Nath, Goldberg & Meyer; Richard C. Litman

(57) **ABSTRACT**

A 9-(5-bromo-2-hydroxyphenyl)-10-[3-(dimethylamino)propyl]-3,4,6,7,9,10-hexahydroacridine-1,8(2H,5H)-dione compound, its synthesis, and its use as an antimicrobial agent.

6 Claims, No Drawings

Exhibit A-4-B

PTOL-85 Part B — U.S. Patent No. 12054460

Application No. 18414442

Signed by James Lafave (Reg. 71013)

Box 2 of PTOL-85B: "Richard C. Litman"

Litman v. Goldberg · Index No. 524343/2025
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(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-----------------	-------------	----------------------	---------------------	------------------

18/414,442 01/16/2024 HANY MOHAMED ABD EL-LATEEF AHMED 33170.94A 6459

TITLE OF INVENTION: 9-(5-BROMO-2-HYDROXYPHENYL)-10-[3-(DIMETHYLAMINO)PROPYL]-3,4,6,7,9,10-HEXAHYDROACRIDINE-1,8(2H,5H)-DIONE AS AN ANTIMICROBIAL COMPOUND

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	\$480	\$0.00	\$0.00	\$480	09/03/2024

EXAMINER	ART UNIT	CLASS-SUBCLASS
CHICKOS, SARAH J	1619	514-297000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

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- 1 Nath, Goldberg & Meyer
- 2 Richard C. Litman
- 3 _____

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(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

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AL-AHSA, SAUDI ARABIA

Please check the appropriate assignee category or categories (will not be printed on the patent) : Individual Corporation or other private group entity Government

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Authorized Signature /James Lafave/

Date 2024-06-03

Typed or printed name James Lafave

Registration No. 71013

Exhibit A-5

U.S. Patent No. 12054464

Application No. 18428327

Face page — Attorney/Agent/Firm: Nath, Goldberg & Meyer; Richard
C. Litman

Litman v. Goldberg · Index No. 524343/2025
NY Supreme Court, Kings County · Hon. Brian L. Gotlieb, J.S.C.



US012054464B1

(12) **United States Patent**
Ali et al.

(10) **Patent No.:** **US 12,054,464 B1**
(45) **Date of Patent:** **Aug. 6, 2024**

(54) **METHYL 4-((5-(3-FLUOROPHENYL)-4-PHENYL-4H-1,2,4-TRIAZOL-3-YLTHIO)METHYL)BENZOATE AS AN ANTIMICROBIAL COMPOUND**

(71) Applicant: **KING FAISAL UNIVERSITY, Al-Ahsa (SA)**

(72) Inventors: **Mai Mostafa Khalaf Ali, Al-Ahsa (SA); Hany Mohamed Abd El-Lateef Ahmed, Al-Ahsa (SA); Antar Ahmed Abdelhamid Ahmed, Sohag (EG); Amer A. Amer, Sohag (EG)**

(73) Assignee: **KING FAISAL UNIVERSITY, Al-Ahsa (SA)**

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) Appl. No.: **18/428,327**

(22) Filed: **Jan. 31, 2024**

Related U.S. Application Data

(62) Division of application No. 18/382,959, filed on Oct. 23, 2023.

(51) **Int. Cl.**
C07D 249/12 (2006.01)
A61P 31/04 (2006.01)
A61P 31/10 (2006.01)

(52) **U.S. Cl.**
CPC **C07D 249/12** (2013.01); **A61P 31/04** (2018.01); **A61P 31/10** (2018.01)

(58) **Field of Classification Search**
CPC **C07D 249/12**
See application file for complete search history.

(56) **References Cited**

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Janowska et al., "synthesis and biological evaluation of new schiff bases derived from 4-amino-5-(3-fluorophenyl)-1,2,4-triazole-3-thione", *Molecules* 2023, 28(6), 2718.

Primary Examiner — Golam M Shameem

(74) *Attorney, Agent, or Firm* — Nath, Goldberg & Meyer; Richard C. Litman

(57) **ABSTRACT**

An methyl 4-((5-(3-fluorophenyl)-4-phenyl-4H-1,2,4-triazol-3-ylthio)methyl)benzoate compound, its synthesis, and its use as an antimicrobial agent.

6 Claims, 1 Drawing Sheet

Exhibit A-5-B

PTOL-85 Part B — U.S. Patent No. 12054464

Application No. 18428327

Signed by James Lafave (Reg. 71013)

Box 2 of PTOL-85B: "Richard C. Litman"

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37833 7590 05/31/2024
Richard C. Litman
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(Typed or printed name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-----------------	-------------	----------------------	---------------------	------------------

18/428,327 01/31/2024 Mai Mostafa Khalaf ALI 33175.68A 9076

TITLE OF INVENTION: METHYL 4-((5-(3-FLUOROPHENYL)-4-PHENYL-4H-1,2,4-TRIAZOL-3-YLTHIO)METHYL)BENZOATE AS AN ANTIMICROBIAL COMPOUND

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
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nonprovisional SMALL \$480 \$0.00 \$0.00 \$480 09/03/2024

EXAMINER	ART UNIT	CLASS-SUBCLASS
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SHAMEEM, GOLAM M 1621 514-384000

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Change of correspondence address (or Change of Correspondence Address form PTO/AIA/122 or PTO/SB/122) attached.

"Fee Address" indication (or "Fee Address" Indication form PTO/AIA/47 or PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

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1 Nath, Goldberg & Meyer
 2 Richard C. Litman
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(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

KING FAISAL UNIVERSITY

AL-AHSA, SAUDI ARABIA

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Applicant asserting small entity status. See 37 CFR 1.27

Applicant changing to regular undiscounted fee status.

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NOTE: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.

NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

NOTE: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Authorized Signature /James Lafave/

Date 2024-06-03

Typed or printed name James Lafave

Registration No. 71013

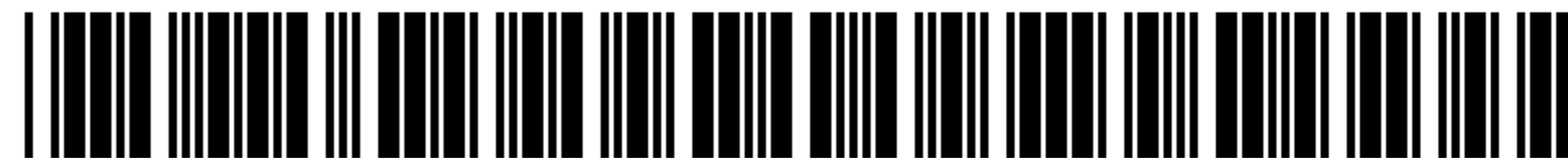
Exhibit A-6

U.S. Patent No. 12062780

Application No. 18413239

Face page — Attorney/Agent/Firm: Nath, Goldberg & Meyer; Richard
C. Litman

Litman v. Goldberg · Index No. 524343/2025
NY Supreme Court, Kings County · Hon. Brian L. Gotlieb, J.S.C.



US012062780B1

(12) **United States Patent**
Alshoabi et al.

(10) **Patent No.: US 12,062,780 B1**
(45) **Date of Patent: Aug. 13, 2024**

(54) **HYDROVOLTAIC POWER GENERATION
DEVICES UTILIZING CARBON
SPHERE-COATED NICKEL FOAM/PET
SUBSTRATE**

(71) Applicant: **KING FAISAL UNIVERSITY,**
Al-Ahsa (SA)

(72) Inventors: **Adil Alshoabi,** Al-Ahsa (SA); **Majid
Khan,** Mardan (PK)

(73) Assignee: **KING FAISAL UNIVERSITY,**
Al-Ahsa (SA)

(*) Notice: Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
U.S.C. 154(b) by 17 days.

(21) Appl. No.: **18/413,239**

(22) Filed: **Jan. 16, 2024**

(51) **Int. Cl.**

H01M 4/36 (2006.01)

H01M 4/04 (2006.01)

H01M 4/583 (2010.01)

H01M 4/66 (2006.01)

H01M 4/80 (2006.01)

H01M 14/00 (2006.01)

(52) **U.S. Cl.**

CPC **H01M 4/364** (2013.01); **H01M 4/0404**

(2013.01); **H01M 4/0471** (2013.01); **H01M**

4/583 (2013.01); **H01M 4/661** (2013.01);

H01M 4/667 (2013.01); **H01M 4/808**

(2013.01); **H01M 14/00** (2013.01)

(58) **Field of Classification Search**

None

See application file for complete search history.

(56) **References Cited**

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Primary Examiner — Scott J. Chmielecki

(74) *Attorney, Agent, or Firm* — Nath, Goldberg &
Meyer; Richard C. Litman

(57) **ABSTRACT**

A process for preparing carbon spheres coated on a nickel
(Ni) foam/polyethylene terephthalate (PET) substrate, as
well as the use of the obtained product in the field of
hydrovoltaic energy generation.

16 Claims, No Drawings

Exhibit A-6-B

PTOL-85 Part B — U.S. Patent No. 12062780

Application No. 18413239

Signed by James Lafave (Reg. 71013)

Box 2 of PTOL-85B: "Richard C. Litman"

Litman v. Goldberg · Index No. 524343/2025
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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18/413,239 01/16/2024 ADIL ALSHOAIBI 33160.59U 2913

TITLE OF INVENTION: HYDROVOLTAIC POWER GENERATION DEVICES UTILIZING CARBON SPHERE-COATED NICKEL FOAM/PET SUBSTRATE

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
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nonprovisional SMALL \$480 \$0.00 \$0.00 \$480 06/26/2024

EXAMINER	ART UNIT	CLASS-SUBCLASS
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CHMIELECKI, SCOTT J 1729 429-231800

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Authorized Signature /James Lafave/

Date 2024-03-27

Typed or printed name James Lafave

Registration No. 71013

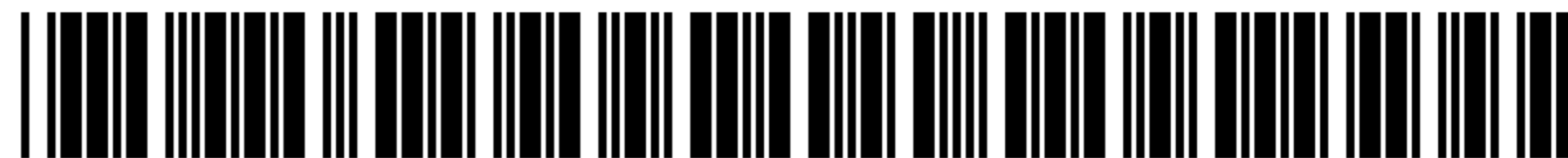
Exhibit A-7

U.S. Patent No. 12065424

Application No. 18425923

Face page — Attorney/Agent/Firm: Nath, Goldberg & Meyer; Richard
C. Litman

Litman v. Goldberg · Index No. 524343/2025
NY Supreme Court, Kings County · Hon. Brian L. Gotlieb, J.S.C.



US012065424B1

(12) **United States Patent**
Ahmed et al.

(10) **Patent No.:** **US 12,065,424 B1**
(45) **Date of Patent:** **Aug. 20, 2024**

(54) **6'(4-METHOXYPHENYL)-2'-ALKOXY-3,4'-BIPYRIDINE-3'-CARBONITRILE AS ANTIMICROBIAL COMPOUNDS**

(71) Applicant: **KING FAISAL UNIVERSITY, Al-Ahsa (SA)**

(72) Inventors: **Hany Mohamed Abd El-Lateef Ahmed, Al-Ahsa (SA); Mai Mostafa Khalaf Ali, Al-Ahsa (SA); Antar Ahmed Abdelhamid Ahmed, Sohag (EG); Amer A. Amer, Sohag (EG)**

(73) Assignee: **KING FAISAL UNIVERSITY, Al-Ahsa (SA)**

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) Appl. No.: **18/425,923**

(22) Filed: **Jan. 29, 2024**

Related U.S. Application Data

(62) Division of application No. 18/379,906, filed on Oct. 13, 2023.

(51) **Int. Cl.**
C07D 401/04 (2006.01)
A61P 31/04 (2006.01)
A61P 31/10 (2006.01)

(52) **U.S. Cl.**
CPC **C07D 401/04** (2013.01); **A61P 31/04** (2018.01); **A61P 31/10** (2018.01)

(58) **Field of Classification Search**
CPC **A61P 31/04; A61P 31/10**
See application file for complete search history.

(56) **References Cited**

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Primary Examiner — Shobha Kantamneni

(74) *Attorney, Agent, or Firm* — Nath, Goldberg & Meyer; Richard C. Litman

(57) **ABSTRACT**

A 6'-(4-methoxyphenyl)-2'-alkoxy-3,4'-bipyridine-3'-carbonitrile compound, its synthesis, and its use as an antimicrobial agent.

3 Claims, No Drawings

Exhibit A-7-B

PTOL-85 Part B — U.S. Patent No. 12065424

Application No. 18425923

Signed by James Lafave (Reg. 71013)

Box 2 of PTOL-85B: "Richard C. Litman"

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Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.

TITLE OF INVENTION: 6-(4-METHOXYPHENYL)-2'-ALKOXY-3,4-BIPYRIDINE-3'-CARBONITRILE AS ANTIMICROBIAL COMPOUNDS

Table with 7 columns: APPLN. TYPE, ENTITY STATUS, ISSUE FEE DUE, PUBLICATION FEE DUE, PREV. PAID ISSUE FEE, TOTAL FEE(S) DUE, DATE DUE.

Table with 3 columns: EXAMINER, ART UNIT, CLASS-SUBCLASS.

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(A) NAME OF ASSIGNEE: KING FAISAL UNIVERSITY
(B) RESIDENCE: (CITY and STATE OR COUNTRY): AL-AHSA, SAUDI ARABIA

Please check the appropriate assignee category or categories (will not be printed on the patent): Individual, Corporation or other private group entity, Government

4a. Fees submitted: Issue Fee, Publication Fee (if required)

4b. Method of Payment: (Please first reapply any previously paid fee shown above)

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Authorized Signature: James Lafave, Date: 2024-05-30
Typed or printed name: James Lafave, Registration No.: 71013

Exhibit A-8

U.S. Patent No. 12071437

Application No. 18411323

Face page — Attorney/Agent/Firm: Nath, Goldberg & Meyer; Richard
C. Litman

Litman v. Goldberg · Index No. 524343/2025
NY Supreme Court, Kings County · Hon. Brian L. Gotlieb, J.S.C.



US012071437B1

(12) **United States Patent**
Tratrat et al.

(10) **Patent No.:** **US 12,071,437 B1**
(45) **Date of Patent:** **Aug. 27, 2024**

(54) **PYRAZOLO[1,5-a]PYRIDO[4,3-e]
PYRIMIDINE-2-CARBOXYLIC ACIDS AS
CK2 INHIBITORS**

(71) Applicant: **KING FAISAL UNIVERSITY,**
Al-Ahsa (SA)

(72) Inventors: **Christophe Tratrat,** Al-Ahsa (SA);
Michelyne Haroun, Al-Ahsa (SA)

(73) Assignee: **KING FAISAL UNIVERSITY,**
Al-Ahsa (SA)

(*) Notice: Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
U.S.C. 154(b) by 0 days.

(21) Appl. No.: **18/411,323**

(22) Filed: **Jan. 12, 2024**

(51) **Int. Cl.**
C07D 471/14 (2006.01)
A61K 31/519 (2006.01)
A61P 35/00 (2006.01)

(52) **U.S. Cl.**
CPC **C07D 471/14** (2013.01); **A61K 31/519**
(2013.01); **A61P 35/00** (2018.01)

(58) **Field of Classification Search**
CPC **C07D 471/14**; **A61K 31/519**
See application file for complete search history.

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* cited by examiner

Primary Examiner — Andrew D Kosar

Assistant Examiner — John D Mcanany

(74) *Attorney, Agent, or Firm* — Nath, Goldberg & Meyer; Richard C. Litman

(57) **ABSTRACT**

Novel pyrazolo[1,5-a]pyrido[4,3-e]pyrimidine-2-carboxylic acid compounds, a method of synthesizing said compounds, a pharmaceutical composition comprising said compounds and a suitable carrier, and a method of using the compounds. The pyrazolo[1,5-a]pyrido[4,3-e]pyrimidine-2-carboxylic acid compounds, identified as CK2 inhibitors, are useful as anticancer and/or antitumor agents, and as agents for treating other kinase-associated conditions including inflammation, pain, and certain immunological disorders, and other types of diseases such as diabetes, viral infection, neurodegenerative diseases.

20 Claims, No Drawings

Exhibit A-8-B

PTOL-85 Part B — U.S. Patent No. 12071437

Application No. 18411323

Signed by James Lafave (Reg. 71013)

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37833 7590 05/20/2024
Richard C. Litman
Nath, Goldberg & Meyer
112 S. West Street
Alexandria, VA 22314

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Form with fields for (Typed or printed name), (Signature), and (Date).

Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.

TITLE OF INVENTION: PYRAZOLO[1,5-a]PYRIDO[4,3-e]PYRIMIDINE-2-CARBOXYLIC ACIDS AS CK2 INHIBITORS

Table with 7 columns: APPLN. TYPE, ENTITY STATUS, ISSUE FEE DUE, PUBLICATION FEE DUE, PREV. PAID ISSUE FEE, TOTAL FEE(S) DUE, DATE DUE.

Table with 3 columns: EXAMINER, ART UNIT, CLASS-SUBCLASS.

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

2. For printing on the patent front page, list

- (1) The names of up to 3 registered patent attorneys or agents OR, alternatively,
(2) The name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

- 1 Nath, Goldberg & Meyer
2 Richard C. Litman
3

Change of correspondence address (or Change of Correspondence Address form PTO/AIA/122 or PTO/SB/122) attached.

"Fee Address" indication (or "Fee Address" Indication form PTO/AIA/47 or PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document must have been previously recorded, or filed for recordation, as set forth in 37 CFR 3.11 and 37 CFR 3.81(a). Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

KING FAISAL UNIVERSITY

AL-AHSA, SAUDI ARABIA

Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government

4a. Fees submitted: Issue Fee Publication Fee (if required)

4b. Method of Payment: (Please first reapply any previously paid fee shown above)

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5. Change in Entity Status (from status indicated above)

- Applicant certifying micro entity status. See 37 CFR 1.29
Applicant asserting small entity status. See 37 CFR 1.27
Applicant changing to regular undiscounted fee status.

NOTE: Absent a valid certification of Micro Entity Status (see forms PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.
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NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

NOTE: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Authorized Signature /James Lafave/

Date 2024-05-21

Typed or printed name James Lafave

Registration No. 71013

Exhibit A-9

U.S. Patent No. D1046141

Application No. 746671

Face page — Attorney/Agent/Firm: Nath, Goldberg & Meyer; Richard
C. Litman

Litman v. Goldberg · Index No. 524343/2025
NY Supreme Court, Kings County · Hon. Brian L. Gotlieb, J.S.C.



US0D1046141S

(12) **United States Design Patent** (10) **Patent No.: US D1,046,141 S**
Alsaleh (45) **Date of Patent: ** *Oct. 8, 2024**

(54) **DENTAL TOOL FOR ANCHORING A RUBBER DAM**

(71) Applicant: **KING SAUD UNIVERSITY**, Riyadh (SA)

(72) Inventor: **Lama Saleh Alsaleh**, Riyadh (SA)

(73) Assignee: **KING SAUD UNIVERSITY**, Riyadh (SA)

(*) Notice: This patent is subject to a terminal disclaimer.

(**) Term: **15 Years**

(21) Appl. No.: **29/746,671**

(22) Filed: **Aug. 16, 2020**

(51) **LOC (14) Cl.** **24-02**

(52) **U.S. Cl.**
USPC **D24/176**

(58) **Field of Classification Search**
USPC D24/143, 152, 154, 176-178
CPC A61C 5/00; A61C 5/80; A61C 5/82; A61C 5/85; A61C 5/90
See application file for complete search history.

(56) **References Cited**

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					(Continued)

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Primary Examiner — Wan Laymon

(74) *Attorney, Agent, or Firm* — Nath, Goldberg & Meyer; Richard C. Litman

(57) **CLAIM**

The ornamental design for a dental tool for anchoring a rubber dam as shown and described.

DESCRIPTION

FIG. 1 is an environmental, perspective view of a dental tool for anchoring a rubber dam;
FIG. 2 is a top perspective view thereof;
FIG. 3 is a top plan view thereof;
FIG. 4 is a bottom view thereof;
FIG. 5 is a front elevational view thereof;
FIG. 6 is a rear elevational view thereof.
FIG. 7 is a right elevational view thereof.
FIG. 8 is a left elevational view thereof.
FIG. 9 is a reduced bottom perspective view thereof; and,
FIG. 10 is a reduced top perspective view thereof.
The broken lines showing of the gum and teeth in FIG. 1 depict environmental subject matter only and form no part of the claimed design.

1 Claim, 7 Drawing Sheets

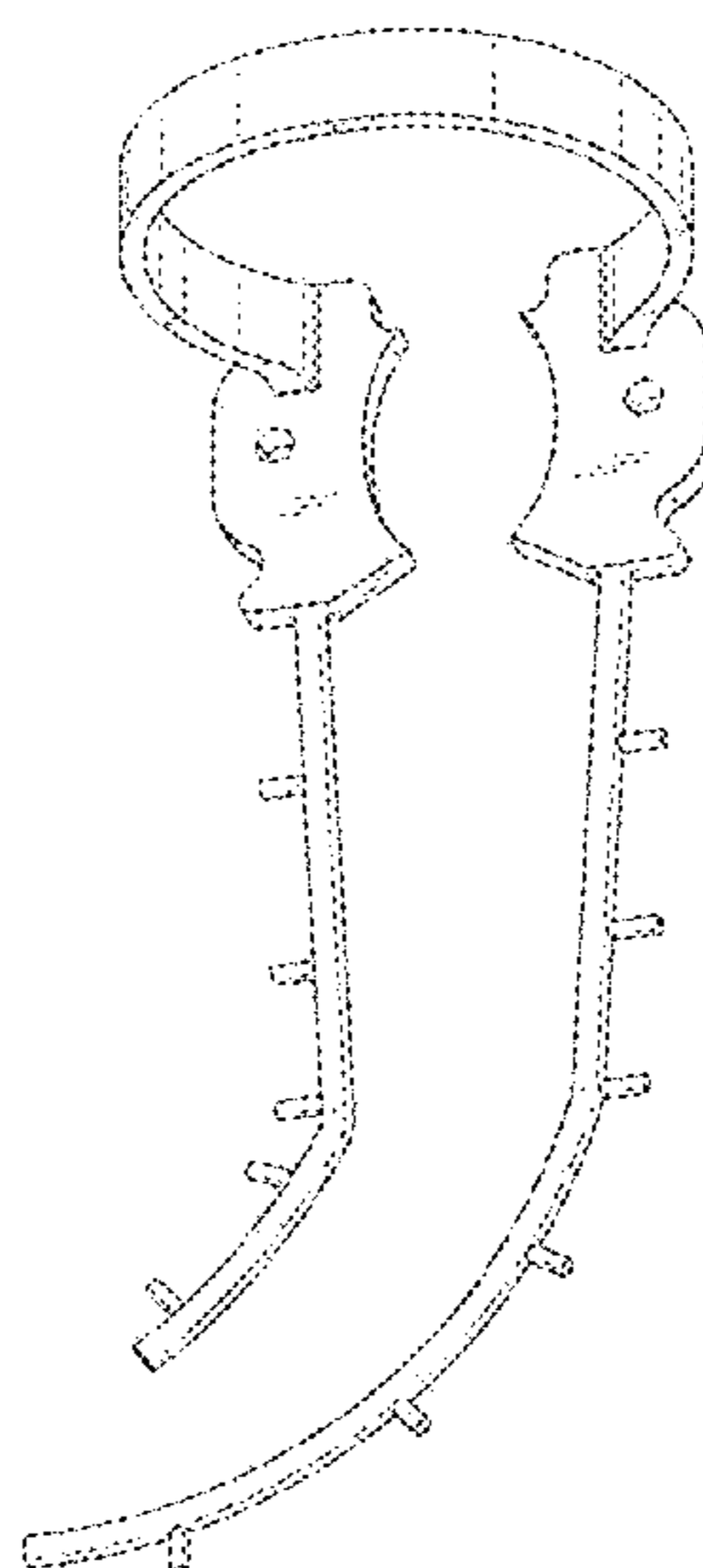


Exhibit A-9-B

PTOL-85 Part B — U.S. Patent No. D1046141

Application No. 746671

Signed by James Lafave (Reg. 71013)

Box 2 of PTOL-85B: "Richard C. Litman"

Litman v. Goldberg · Index No. 524343/2025
NY Supreme Court, Kings County · Hon. Brian L. Gotlieb, J.S.C.

Exhibit A-10

U.S. Patent No. 12114620

Application No. 18241049

Face page — Attorney/Agent/Firm: Nath, Goldberg & Meyer; Richard
C. Litman

Litman v. Goldberg · Index No. 524343/2025
NY Supreme Court, Kings County · Hon. Brian L. Gotlieb, J.S.C.



US012114620B1

(12) **United States Patent**
Asem

(10) **Patent No.:** **US 12,114,620 B1**
(45) **Date of Patent:** **Oct. 15, 2024**

(54) **VERTICAL TUBERS PLANTER AND HARVESTER**

(71) Applicant: **KUWAIT INSTITUTE FOR SCIENTIFIC RESEARCH**, Safat (KW)

(72) Inventor: **Samira Omar Asem**, Safat (KW)

(73) Assignee: **KUWAIT INSTITUTE FOR SCIENTIFIC RESEARCH**, Safat (KW)

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

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* cited by examiner

Primary Examiner — Kristen C Hayes

(74) *Attorney, Agent, or Firm* — Nath, Goldberg & Meyer; Richard C. Litman

(21) Appl. No.: **18/241,049**

(22) Filed: **Aug. 31, 2023**

(51) **Int. Cl.**
A01G 9/02 (2018.01)
A01G 9/24 (2006.01)
A01G 22/25 (2018.01)

(52) **U.S. Cl.**
CPC *A01G 9/023* (2013.01); *A01G 9/247* (2013.01); *A01G 9/249* (2019.05); *A01G 22/25* (2018.02)

(58) **Field of Classification Search**
CPC *A01G 9/023*; *A01G 9/022*; *A01G 9/00*; *A01G 9/02*; *A01G 31/00*; *A01G 31/06*
See application file for complete search history.

(56) **References Cited**

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				47/66.7
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(57) **ABSTRACT**

A system and method for using indoor vertical farming for cultivating tubers. The method and system include a wheeled framework with tiered platforms, the platforms forming multiple growing spaces for growing portions of a tuber crop and soil where the growing spaces are provided with irrigation and illumination. Each growing space has a paneled wheeled planter tray which rests on a platform and each portion of the tuber crop and soil can be extracted from each paneled wheeled planter tray by a lifting action to fall into a mesh covered container, used to separate the soil from the tuber crop.

6 Claims, 3 Drawing Sheets

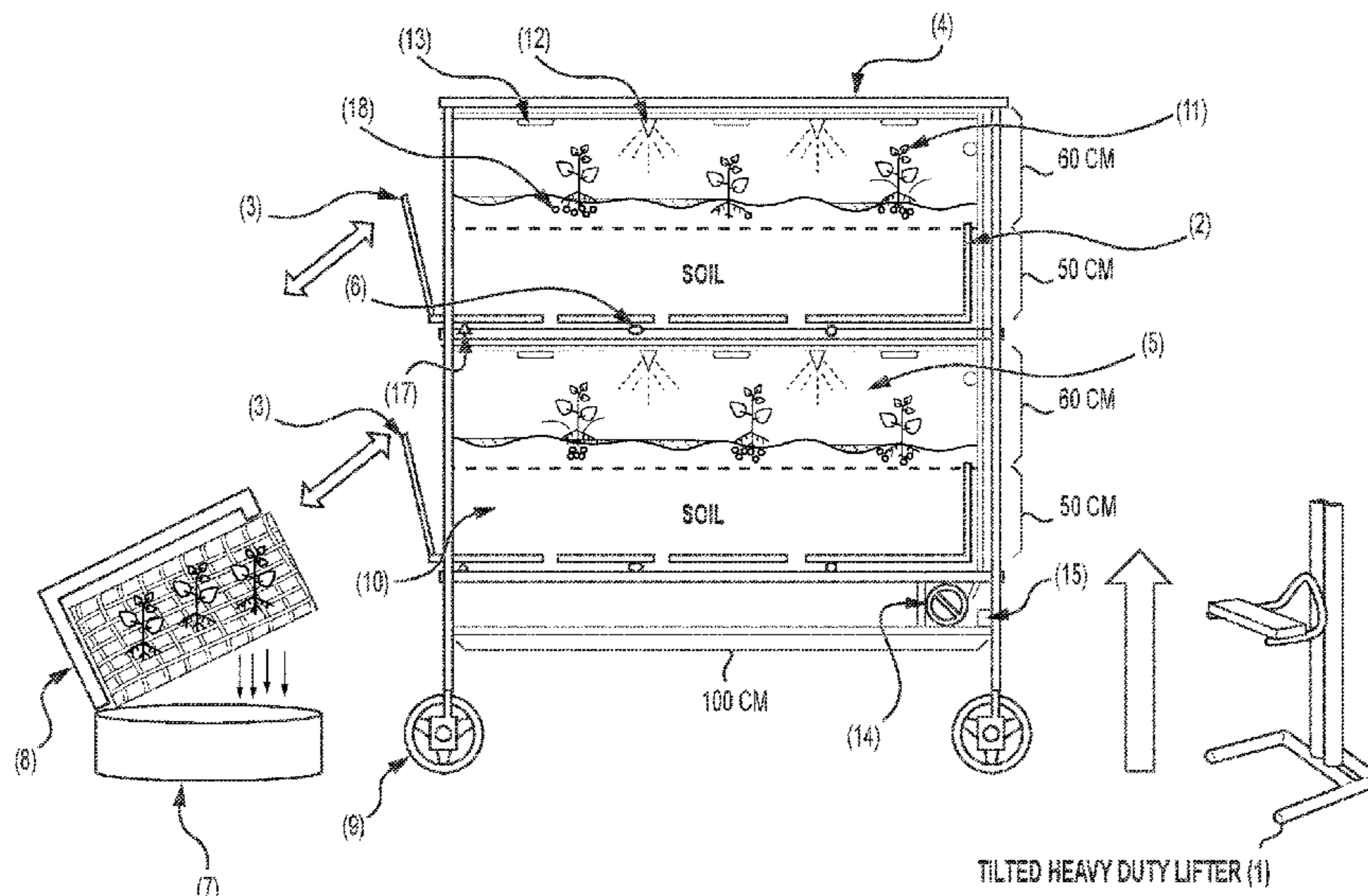


Exhibit A-10-B

PTOL-85 Part B — U.S. Patent No. 12114620

Application No. 18241049

Signed by James Lafave (Reg. 71013)

Box 2 of PTOL-85B: "Richard C. Litman"

Litman v. Goldberg · Index No. 524343/2025
NY Supreme Court, Kings County · Hon. Brian L. Gotlieb, J.S.C.

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Form with fields for (Typed or printed name), (Signature), and (Date).

Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO. Values: 18/241,049, 08/31/2023, Samira Omar ASEM, 32366.97U, 4352

TITLE OF INVENTION: VERTICAL TUBERS PLANTER AND HARVESTER

Table with 7 columns: APPLN. TYPE, ENTITY STATUS, ISSUE FEE DUE, PUBLICATION FEE DUE, PREV. PAID ISSUE FEE, TOTAL FEE(S) DUE, DATE DUE. Values: nonprovisional, SMALL, \$480, \$0.00, \$0.00, \$480, 07/02/2024

Table with 3 columns: EXAMINER, ART UNIT, CLASS-SUBCLASS. Values: HAYES, KRISTEN C, 3642, 047-083000

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- 1 Nath, Goldberg & Meyer
2 Richard C. Litman
3

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document must have been previously recorded, or filed for recordation, as set forth in 37 CFR 3.11 and 37 CFR 3.81(a). Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

KUWAIT INSTITUTE FOR SCIENTIFIC RESEARCH

SAFAT, KUWAIT

Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government

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Applicant asserting small entity status. See 37 CFR 1.27
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NOTE: Absent a valid certification of Micro Entity Status (see forms PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.
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NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

NOTE: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Authorized Signature /James Lafave/

Date 2024-04-17

Typed or printed name James Lafave

Registration No. 71013

Exhibit A-11

U.S. Patent No. 12116333

Application No. 18511800

Face page — Attorney/Agent/Firm: Nath, Goldberg & Meyer; Richard
C. Litman

Litman v. Goldberg · Index No. 524343/2025
NY Supreme Court, Kings County · Hon. Brian L. Gotlieb, J.S.C.



US012116333B1

(12) **United States Patent**
Ali et al.

(10) **Patent No.:** **US 12,116,333 B1**
(45) **Date of Patent:** **Oct. 15, 2024**

(54) **3,3'-(HYDRAZINE-1,2-DIYL)BIS(1-(NAPHTHALEN-2-YLOXY)PROPAN-2-OL) AS AN ECOFRIENDLY INSECTICIDAL AGENT AGAINST SPODOPTERA LITTORALIS (BOISD.)**

(71) Applicant: **KING FAISAL UNIVERSITY,**
Al-Ahsa (SA)

(72) Inventors: **Mai Mostafa Khalaf Ali,** Al-Ahsa (SA); **Hany Mohamed Abd El-Lateef Ahmed,** Al-Ahsa (SA); **Antar Ahmed Abdelhamid Ahmed,** Al-Baha (SA); **Mohamed A. Gad,** Giza (EG)

(73) Assignee: **KING FAISAL UNIVERSITY,**
Al-Ahsa (SA)

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 10 days.

(21) Appl. No.: **18/511,800**

(22) Filed: **Nov. 16, 2023**

Related U.S. Application Data

(62) Division of application No. 18/238,694, filed on Aug. 28, 2023, now Pat. No. 11,891,353.

(51) **Int. Cl.**

C07C 243/14 (2006.01)
A01N 39/00 (2006.01)
A01P 7/04 (2006.01)
C07C 241/02 (2006.01)

(52) **U.S. Cl.**
CPC **C07C 243/14** (2013.01); **A01N 39/00** (2013.01); **A01P 7/04** (2021.08); **C07C 241/02** (2013.01)

(58) **Field of Classification Search**
CPC **C07C 243/14**; **C07C 241/02**; **A01P 7/04**; **A01N 39/00**
See application file for complete search history.

(56) **References Cited**

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Primary Examiner — Jared Barsky

(74) *Attorney, Agent, or Firm* — Nath, Goldberg & Meyer; Richard C. Litman

(57) **ABSTRACT**

A compound 3,3'-(hydrazine-1,2-diyl)bis(1-(naphthalen-2-yloxy)propan-2-ol), its synthesis, and its use as an insecticidal agent.

8 Claims, 1 Drawing Sheet

Exhibit A-11-B

PTOL-85 Part B — U.S. Patent No. 12116333

Application No. 18511800

Signed by James Lafave (Reg. 71013)

Box 2 of PTOL-85B: "Richard C. Litman"

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Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.

18/511,800 11/16/2023 MAI MOSTAFA KHALAF ALI 33150.71A 4817
TITLE OF INVENTION: 3,3'-(hydrazine-1,2-diyl)bis(1-(naphthalen-2-yloxy)propan-2-ol) AS AN ECOFRIENDLY INSECTICIDAL AGENT AGAINST SPODOPTERA LITTORALIS (BOISD.)

Table with 7 columns: APPLN. TYPE, ENTITY STATUS, ISSUE FEE DUE, PUBLICATION FEE DUE, PREV. PAID ISSUE FEE, TOTAL FEE(S) DUE, DATE DUE

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1 Nath, Goldberg & Meyer
2 Richard C. Litman
3

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(A) NAME OF ASSIGNEE: KING FAISAL UNIVERSITY
(B) RESIDENCE: (CITY and STATE OR COUNTRY): AL-AHSA, SAUDI ARABIA
Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government

4a. Fees submitted: Issue Fee Publication Fee (if required)
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Applicant asserting small entity status. See 37 CFR 1.27
Applicant changing to regular undiscounted fee status.
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NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

NOTE: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.
Authorized Signature /James Lafave/ Date 2024-06-05
Typed or printed name James Lafave Registration No. 71013

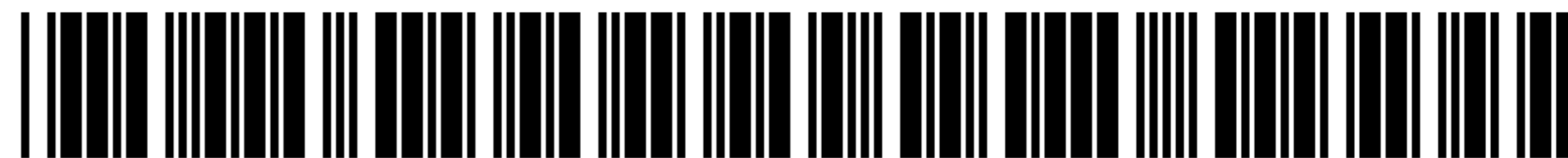
Exhibit A-12

U.S. Patent No. 12194434

Application No. 18612504

Face page — Attorney/Agent/Firm: Nath, Goldberg & Meyer; Richard
C. Litman

Litman v. Goldberg · Index No. 524343/2025
NY Supreme Court, Kings County · Hon. Brian L. Gotlieb, J.S.C.



US012194434B1

(12) **United States Patent**
Atta et al.

(10) **Patent No.:** US 12,194,434 B1
(45) **Date of Patent:** Jan. 14, 2025

(54) **IMIDAZOLIUM IONIC LIQUIDS MADE USING CARDANOL EXTRACTED FROM CASHEW NUTSHELL OIL TO ENHANCE CRUDE OIL RECOVERY IN OILFIELDS**

(71) Applicant: **KING SAUD UNIVERSITY**, Riyadh (SA)

(72) Inventors: **Ayman M. Atta**, Riyadh (SA); **Hamad A. Al-Lohedan**, Riyadh (SA); **Abdelrahman O. Ezzat**, Riyadh (SA); **Ali K. Aldalbahi**, Riyadh (SA)

(73) Assignee: **KING SAUD UNIVERSITY**, Riyadh (SA)

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 25 days.

(21) Appl. No.: **18/612,504**

(22) Filed: **Mar. 21, 2024**

Related U.S. Application Data

(62) Division of application No. 18/212,034, filed on Jun. 20, 2023, now Pat. No. 11,969,708.

(51) **Int. Cl.**

H01M 4/48 (2010.01)
B01J 20/04 (2006.01)
B01J 20/06 (2006.01)
B01J 20/10 (2006.01)
B01J 20/26 (2006.01)
B01J 20/28 (2006.01)
B01J 20/30 (2006.01)
B01J 20/32 (2006.01)
C02F 1/28 (2023.01)
C02F 1/68 (2023.01)
C07D 233/60 (2006.01)
C08G 65/331 (2006.01)
C08G 65/333 (2006.01)
C08G 65/337 (2006.01)
E02B 15/04 (2006.01)
H01M 4/36 (2006.01)
C02F 101/32 (2006.01)
C02F 103/08 (2006.01)

(52) **U.S. Cl.**

CPC **B01J 20/265** (2013.01); **B01J 20/043** (2013.01); **B01J 20/06** (2013.01); **B01J 20/103** (2013.01); **B01J 20/28009** (2013.01); **B01J 20/28016** (2013.01); **B01J 20/3085** (2013.01); **B01J 20/3204** (2013.01); **B01J**

20/3221 (2013.01); **B01J 20/3287** (2013.01); **B01J 20/3293** (2013.01); **C02F 1/288** (2013.01); **C02F 1/681** (2013.01); **C07D 233/60** (2013.01); **C08G 65/3317** (2013.01); **C08G 65/3337** (2013.01); **C08G 65/337** (2013.01); **E02B 15/041** (2013.01); **C02F 1/281** (2013.01); **C02F 1/285** (2013.01); **C02F 2101/32** (2013.01); **C02F 2103/08** (2013.01)

(58) **Field of Classification Search**

CPC **B01J 20/043**; **B01J 20/06**; **B01J 20/103**; **B01J 20/28016**; **B01J 20/28009**; **B01J 20/3085**; **B01J 20/3221**; **B01J 20/3287**; **B01J 20/3293**; **C02F 1/288**; **C02F 1/681**; **C07D 233/60**; **C08G 65/33317**; **C08G 65/337**; **E02B 15/041**

See application file for complete search history.

(56) **References Cited**

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Eke et al., "Performance Evaluation of Cashew Nut Shell Liquid CNSL as Flow Improver for Waxy Crude Oils," SPE Nigeria Annual International Conference and Exhibition, Lagos, Nigeria, Aug. 2019.

* cited by examiner

Primary Examiner — Yong L Chu

(74) Attorney, Agent, or Firm — Nath, Goldberg & Meyer; Richard C. Litman

(57) **ABSTRACT**

Modified chemical structures of cardanol extracted from cashew nut shell oil, and the use of the same to prepare imidazolium ionic liquids (IILs). The IILs can be used to prepare different types of silica, magnetite and calcium carbonate nanoparticles (NPs) as multifunctional oilfield chemicals for use in various oil spill collection, de-emulsification, viscosity improvement, asphaltene dispersant, and enhanced oil recovery applications.

7 Claims, 13 Drawing Sheets

Exhibit A-12-B

PTOL-85 Part B — U.S. Patent No. 12194434

Application No. 18612504

Signed by James Lafave (Reg. 71013)

Box 2 of PTOL-85B: "Richard C. Litman"

Litman v. Goldberg · Index No. 524343/2025
NY Supreme Court, Kings County · Hon. Brian L. Gotlieb, J.S.C.

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By fax, send to: (571)-273-2885

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37833 7590 05/21/2024
Richard C. Litman
Nath, Goldberg & Meyer
112 S. West Street
Alexandria, VA 22314

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Form with fields for (Typed or printed name), (Signature), and (Date).

Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.

18/612,504 03/21/2024 AYMAN M. ATTA 33056.80A 7042
TITLE OF INVENTION: IMIDAZOLIUM IONIC LIQUIDS MADE USING CARDANOL EXTRACTED FROM CASHEW NUTSHELL OIL TO ENHANCE CRUDE OIL RECOVERY IN OILFIELDS

Table with 7 columns: APPLN. TYPE, ENTITY STATUS, ISSUE FEE DUE, PUBLICATION FEE DUE, PREV. PAID ISSUE FEE, TOTAL FEE(S) DUE, DATE DUE

Table with 3 columns: EXAMINER, ART UNIT, CLASS-SUBCLASS

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- Change of correspondence address (or Change of Correspondence Address form PTO/AIA/122 or PTO/SB/122) attached.
"Fee Address" indication (or "Fee Address" Indication form PTO/AIA/47 or PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list
(1) The names of up to 3 registered patent attorneys or agents OR, alternatively,
(2) The name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.
1 Nath, Goldberg & Meyer
2 Richard C. Litman
3

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document must have been previously recorded, or filed for recordation, as set forth in 37 CFR 3.11 and 37 CFR 3.81(a). Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE KING SAUD UNIVERSITY (B) RESIDENCE: (CITY and STATE OR COUNTRY) RIYADH, SAUDI ARABIA

Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government

4a. Fees submitted: Issue Fee Publication Fee (if required)

4b. Method of Payment: (Please first reapply any previously paid fee shown above)

- Electronic Payment via the USPTO patent electronic filing system Enclosed check Non-electronic payment by credit card (Attach form PTO-2038)
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- Applicant certifying micro entity status. See 37 CFR 1.29
Applicant asserting small entity status. See 37 CFR 1.27
Applicant changing to regular undiscounted fee status.

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NOTE: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.

NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

NOTE: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Authorized Signature /James Lafave/

Date 2024-05-28

Typed or printed name James Lafave

Registration No. 71013

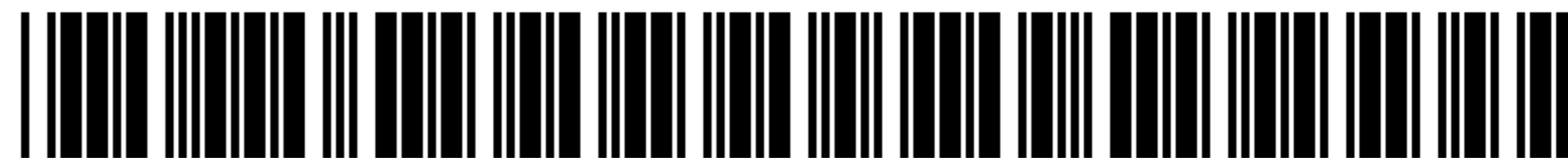
Exhibit A — Lafave Anomaly

U.S. Patent No. 12,127,901 (KSU, granted 10/29/2024)

PTOL-85B dated 9/25/2024 — Lafave signed and typed his OWN
name in Box 2

Face page · PTOL-85B · POA (Meyer)

Litman v. Goldberg · Index No. 524343/2025
NY Supreme Court, Kings County · Hon. Brian L. Gottlieb, J.S.C.



US012127901B1

(12) **United States Patent**
Mirdad

(10) **Patent No.:** **US 12,127,901 B1**
(45) **Date of Patent:** **Oct. 29, 2024**

(54) **BLADE FOR INTERPROXIMAL CROWN LENGTHENING**

5,324,299 A 6/1994 Davison et al.
5,556,409 A * 9/1996 Haining A61B 17/3211
30/162

(71) Applicant: **KING SAUD UNIVERSITY**, Riyadh (SA)

D576,730 S 9/2008 Kim
(Continued)

(72) Inventor: **Amani Abdulaziz Mirdad**, Riyadh (SA)

FOREIGN PATENT DOCUMENTS

(73) Assignee: **KING SAUD UNIVERSITY**, Riyadh (SA)

DE 3624243 A1 1/1988

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

OTHER PUBLICATIONS

(21) Appl. No.: **18/628,953**

“StackedSkincare Dermaplaning Face Exfoliating Tool—Smooth, Radiant, Glowing Skin—Easy to Use Dermaplane Razor for Face—Hair Removal Blade for Eyebrows and Peach Fuzz”; printed on Feb. 28, 2024 from https://www.amazon.com/dp/B071KX2V4C?linkCode=ogi&tag=bp_links-20&ascsubtag=%5bartid|2089.g.23610458%5bsrc|%5bch|%5blt.

(22) Filed: **Apr. 8, 2024**

Primary Examiner — Yogesh P Patel

(51) **Int. Cl.**
A61C 3/02 (2006.01)

(74) *Attorney, Agent, or Firm* — Nath, Goldberg & Meyer; James Lafave

(52) **U.S. Cl.**
CPC **A61C 3/02** (2013.01)

(58) **Field of Classification Search**
CPC A61C 3/02; A61C 3/00; A61C 3/12; A61C 3/06; A61B 17/3213; A61B 17/3209; A61B 17/32093; A61B 17/32096; A61B 17/3211; A61B 17/32113; A61B 17/144; A61B 2017/320074–320076; A61B 17/3217; B26B 9/00; B26B 9/02
See application file for complete search history.

(57) **ABSTRACT**

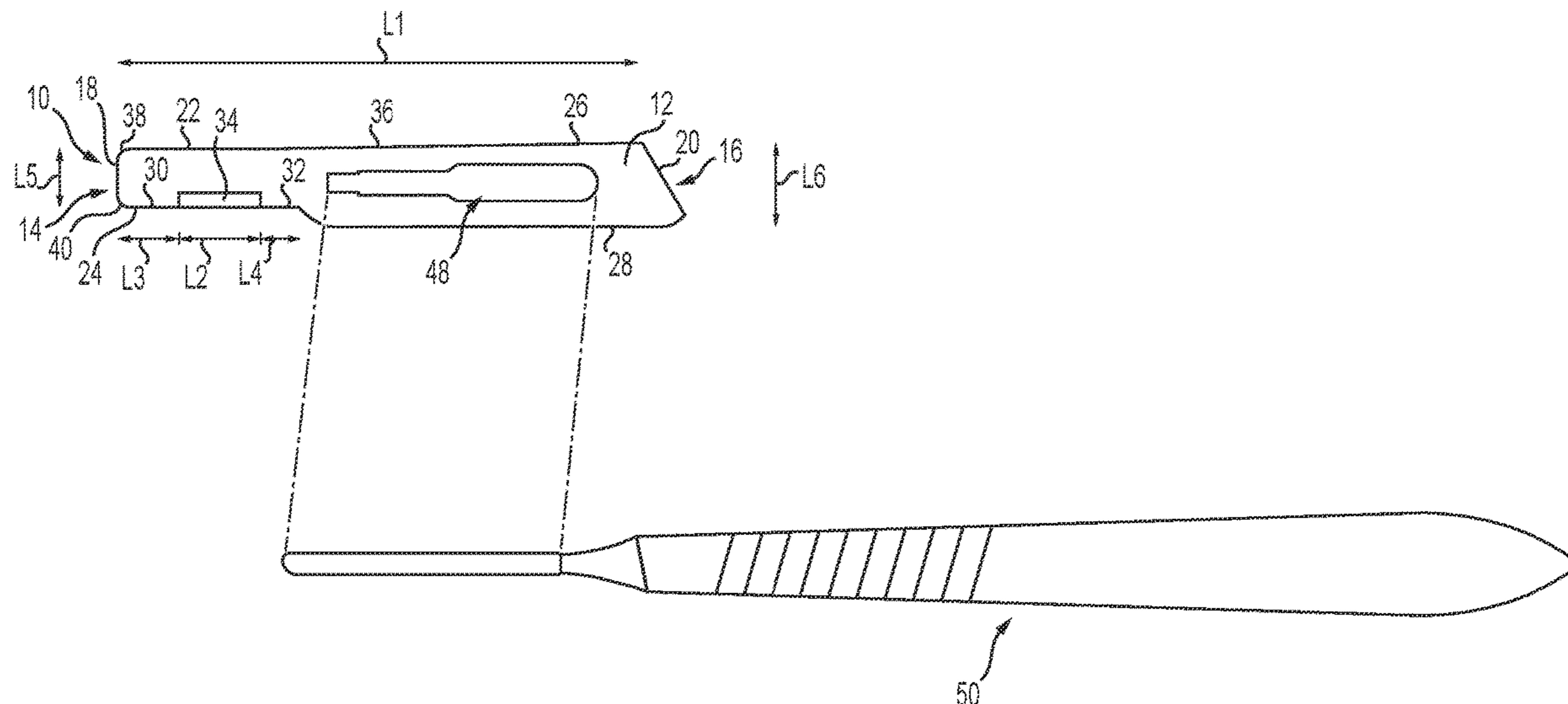
The blade for interproximal crown lengthening may be used to shave bone during osseous resection in an interproximal crown lengthening procedure. The blade includes a flat planar blade body with a forward shaving portion and a rear attachment portion, and longitudinally opposed forward and rear edges. The forward shaving portion has laterally opposed first and second edges, and the rear attachment portion also has laterally opposed first and second edges. The second edge of the forward shaving portion has first and second blunt portions with a sharp shaving portion positioned therebetween. The first blunt portion of the second edge of the forward shaving portion is located adjacent to the forward edge of the planar blade body such that the sharp shaving portion is spaced apart therefrom. An opening is formed through the rear attachment portion for attachment to a conventional scalpel handle or the like.

(56) **References Cited**

U.S. PATENT DOCUMENTS

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433/144
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433/144

15 Claims, 1 Drawing Sheet



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(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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18/628,953 04/08/2024 AMANI ABDULAZIZ MIRDAD 33092.11U 3756

TITLE OF INVENTION: BLADE FOR INTERPROXIMAL CROWN LENGTHENING

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
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nonprovisional SMALL \$480 \$0.00 \$0.00 \$480 12/13/2024

EXAMINER	ART UNIT	CLASS-SUBCLASS
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PATEL, YOGESH P 3772 433-144000

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- 1 Nath, Goldberg & Meyer
- 2 James Lafave
- 3 _____

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(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

KING SAUD UNIVERSITY

RIYADH, SAUDI ARABIA

Please check the appropriate assignee category or categories (will not be printed on the patent) : Individual Corporation or other private group entity Government

4a. Fees submitted: Issue Fee Publication Fee (if required)

4b. Method of Payment: (Please first reapply any previously paid fee shown above)

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Applicant asserting small entity status. See 37 CFR 1.27

Applicant changing to regular undiscounted fee status.

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Authorized Signature /James Lafave/

Date 2024-09-25

Typed or printed name James Lafave

Registration No. 71013

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Application Number	
Filing Date	
First Named Inventor	AMANI ABDULAZIZ MIRDAD
Title	BLADE FOR INTERPROXIMAL CROWN LENGTHENING
Art Unit	
Examiner Name	
Attorney Docket Number	33092.11U

SIGNATURE of Applicant or Patent Practitioner

Signature	/Jerald L. Meyer/	Date (Optional)	
Name	Jerald L. Meyer	Registration Number	41,194
Title (if Applicant is a juristic entity)			
Applicant Name (if Applicant is a juristic entity)			

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37833

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City State Zip

Country

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KING SAUD UNIVERSITY

- Inventor or Joint Inventor (title not required below)
Legal Representative of a Deceased or Legally Incapacitated Inventor (title not required below)
Assignee or Person to Whom the Inventor is Under an Obligation to Assign (provide signer's title if applicant is a juristic entity)
Person Who Otherwise Shows Sufficient Proprietary Interest (e.g., a petition under 37 CFR 1.46(b)(2) was granted in the application or is concurrently being filed with this document) (provide signer's title if applicant is a juristic entity)

SIGNATURE of Applicant for Patent

The undersigned (whose title is supplied below) is authorized to act on behalf of the applicant (e.g., where the applicant is a juristic entity).

Signature Date (Optional) March 31, 2024

Name Dr. Thamer Ali Albahkali

Title Director of Intellectual Property & Technology Licensing Program, King Saud University

NOTE: Signature - This form must be signed by the applicant in accordance with 37 CFR 1.33. See 37 CFR 1.4 for signature requirements and certifications. If more than one applicant, use multiple forms.

Total of forms are submitted.

EXHIBIT A — Per-Patent Mini-Exhibits

12 single-page focus exhibits, one per patent in the core liability set

Litman v. Goldberg · Index No. 524343/2025 · Hon. Brian L. Gotlieb, J.S.C.

Exhibit A-1 — U.S. Patent No. 12,043,608

"2-(Benzo[b]thiophen-3-yl)-1-butyl-4,5-diphenyl-1H-imidazole as anti-inflammatory and anti-microbial compound"

Application No.	18/242,465	Issue Date	2024-07-23
Attorney Docket	33120.91U (legacy LLO/STI)	Assignee	KFU
First Inventor	M.M. Khalaf Ali	PTOL-85B Signer	James Lafave (Reg. 71013)
Box 2 Line 1	Nath, Goldberg & Meyer	Box 2 Line 2	Richard C. Litman
Patent face Item (74)	Nath, Goldberg & Meyer; Richard C. Litman		

Use type	Count	What each is
1. Patent face page	1	Item (74) "Nath, Goldberg & Meyer; Richard C. Litman"
2. IFW outgoing USPTO docs	25	OAs, NOAs, Issue Notifications addressed to Litman via CN-37833
3. IFW incoming NGM docs	37	Specs, Claims, Remarks filed under Litman correspondence
4. Other IFW (POA, OATH, etc.)	12	PA, OATH, App File Receipts
5. Per-docket emails (Martha Long et al.)	13	Office Action notifications, status updates citing docket 33120.91U
Cascade total (separately-dated § 51 uses)	88	Each is independently actionable under deck-of-cards § 51 theory

Per-element § 51 mapping for 12,043,608: (1) **Use of name** — yes (face page Item 74); (2) **Within this state** — yes (NY-based clients, NY court jurisdiction); (3) **For purposes of trade** — yes (paid commercial patent prosecution for KFU); (4) **Without written consent** — Defendants must produce or this element is satisfied. **Knowingly:** Lafave personally typed Litman name in Box 2 alongside parallel Goldberg/Lafave-name selections.

Exhibit A-2 — U.S. Patent No. 12,043,609

"6'(4-methoxyphenyl)-2'-alkoxy-3,4'-bipyridine-3'-carbonitrile as antimicrobial compounds"

Application No.	18/379,906	Issue Date	2024-07-23
Attorney Docket	33130.47U (legacy LLO/STI)	Assignee	KFU
First Inventor	H.M.A. El-Lateef Ahmed	PTOL-85B Signer	James Lafave (Reg. 71013)
Box 2 Line 1	Nath, Goldberg & Meyer	Box 2 Line 2	Richard C. Litman
Patent face Item (74)	Nath, Goldberg & Meyer; Richard C. Litman		

Use type	Count	What each is
1. Patent face page	1	Item (74) "Nath, Goldberg & Meyer; Richard C. Litman"
2. IFW outgoing USPTO docs	15	OAs, NOAs, Issue Notifications addressed to Litman via CN-37833
3. IFW incoming NGM docs	22	Specs, Claims, Remarks filed under Litman correspondence
4. Other IFW (POA, OATH, etc.)	8	PA, OATH, App File Receipts
5. Per-docket emails (Martha Long et al.)	11	Office Action notifications, status updates citing docket 33130.47U
Cascade total (separately-dated § 51 uses)	57	Each is independently actionable under deck-of-cards § 51 theory

Per-element § 51 mapping for 12,043,609: (1) **Use of name** — yes (face page Item 74); (2) **Within this state** — yes (NY-based clients, NY court jurisdiction); (3) **For purposes of trade** — yes (paid commercial patent prosecution for KFU); (4) **Without written consent** — Defendants must produce or this element is satisfied. **Knowingly:** Lafave personally typed Litman name in Box 2 alongside parallel Goldberg/Lafave-name selections.

Exhibit A-3 — U.S. Patent No. 12,049,459

"3-(4,5-diphenyl-2-(pyridin-3-yl)-1H-imidazol-1-yl)-N,N-dimethylpropan-1-amine as anticancer compound"

Application No.	18/241,394	Issue Date	2024-07-30
Attorney Docket	33120.88U (legacy LLO/STI)	Assignee	KFU
First Inventor	H.M.A. El-Lateef Ahmed	PTOL-85B Signer	James Lafave (Reg. 71013)
Box 2 Line 1	Nath, Goldberg & Meyer	Box 2 Line 2	Richard C. Litman
Patent face Item (74)	Nath, Goldberg & Meyer; Richard C. Litman		

Use type	Count	What each is
1. Patent face page	1	Item (74) "Nath, Goldberg & Meyer; Richard C. Litman"
2. IFW outgoing USPTO docs	26	OAs, NOAs, Issue Notifications addressed to Litman via CN-37833
3. IFW incoming NGM docs	37	Specs, Claims, Remarks filed under Litman correspondence
4. Other IFW (POA, OATH, etc.)	12	PA, OATH, App File Receipts
5. Per-docket emails (Martha Long et al.)	11	Office Action notifications, status updates citing docket 33120.88U
Cascade total (separately-dated § 51 uses)	87	Each is independently actionable under deck-of-cards § 51 theory

Per-element § 51 mapping for 12,049,459: (1) **Use of name** — yes (face page Item 74); (2) **Within this state** — yes (NY-based clients, NY court jurisdiction); (3) **For purposes of trade** — yes (paid commercial patent prosecution for KFU); (4) **Without written consent** — Defendants must produce or this element is satisfied. **Knowingly:** Lafave personally typed Litman name in Box 2 alongside parallel Goldberg/Lafave-name selections.

Exhibit A-4 — U.S. Patent No. 12,054,460

"9-(5-bromo-2-hydroxyphenyl)-10-[3-(dimethylamino)propyl] hexahydroacridine-1,8-dione antimicrobial"

Application No.	18/414,442	Issue Date	2024-08-06
Attorney Docket	33170.94A (legacy LLO/STI)	Assignee	KFU
First Inventor	H.M.A. El-Lateef Ahmed	PTOL-85B Signer	James Lafave (Reg. 71013)
Box 2 Line 1	Nath, Goldberg & Meyer	Box 2 Line 2	Richard C. Litman
Patent face Item (74)	Nath, Goldberg & Meyer; Richard C. Litman		

Use type	Count	What each is
1. Patent face page	1	Item (74) "Nath, Goldberg & Meyer; Richard C. Litman"
2. IFW outgoing USPTO docs	15	OAs, NOAs, Issue Notifications addressed to Litman via CN-37833
3. IFW incoming NGM docs	21	Specs, Claims, Remarks filed under Litman correspondence
4. Other IFW (POA, OATH, etc.)	7	PA, OATH, App File Receipts
5. Per-docket emails (Martha Long et al.)	6	Office Action notifications, status updates citing docket 33170.94A
Cascade total (separately-dated § 51 uses)	50	Each is independently actionable under deck-of-cards § 51 theory

Per-element § 51 mapping for 12,054,460: (1) **Use of name** — yes (face page Item 74); (2) **Within this state** — yes (NY-based clients, NY court jurisdiction); (3) **For purposes of trade** — yes (paid commercial patent prosecution for KFU); (4) **Without written consent** — Defendants must produce or this element is satisfied. **Knowingly:** Lafave personally typed Litman name in Box 2 alongside parallel Goldberg/Lafave-name selections.

Exhibit A-5 — U.S. Patent No. 12,054,464

"Methyl 4-((5-(3-fluorophenyl)-4-phenyl-4H-1,2,4-triazol-3-ylthio)methyl)benzoate antimicrobial compound"

Application No.	18/428,327	Issue Date	2024-08-06
Attorney Docket	33175.68A (legacy LLO/STI)	Assignee	KFU
First Inventor	M.M. Khalaf Ali	PTOL-85B Signer	James Lafave (Reg. 71013)
Box 2 Line 1	Nath, Goldberg & Meyer	Box 2 Line 2	Richard C. Litman
Patent face Item (74)	Nath, Goldberg & Meyer; Richard C. Litman		

Use type	Count	What each is
1. Patent face page	1	Item (74) "Nath, Goldberg & Meyer; Richard C. Litman"
2. IFW outgoing USPTO docs	17	OAs, NOAs, Issue Notifications addressed to Litman via CN-37833
3. IFW incoming NGM docs	25	Specs, Claims, Remarks filed under Litman correspondence
4. Other IFW (POA, OATH, etc.)	9	PA, OATH, App File Receipts
5. Per-docket emails (Martha Long et al.)	5	Office Action notifications, status updates citing docket 33175.68A
Cascade total (separately-dated § 51 uses)	57	Each is independently actionable under deck-of-cards § 51 theory

Per-element § 51 mapping for 12,054,464: (1) **Use of name** — yes (face page Item 74); (2) **Within this state** — yes (NY-based clients, NY court jurisdiction); (3) **For purposes of trade** — yes (paid commercial patent prosecution for KFU); (4) **Without written consent** — Defendants must produce or this element is satisfied. **Knowingly:** Lafave personally typed Litman name in Box 2 alongside parallel Goldberg/Lafave-name selections.

Exhibit A-6 — U.S. Patent No. 12,062,780

"Hydrovoltaic power generation devices utilizing carbon sphere-coated nickel foam/PET substrate"

Application No.	18/413,239	Issue Date	2024-08-13
Attorney Docket	33160.59U (legacy LLO/STI)	Assignee	KFU
First Inventor	A. Alshoabi	PTOL-85B Signer	James Lafave (Reg. 71013)
Box 2 Line 1	Nath, Goldberg & Meyer	Box 2 Line 2	Richard C. Litman
Patent face Item (74)	Nath, Goldberg & Meyer; Richard C. Litman		

Use type	Count	What each is
1. Patent face page	1	Item (74) "Nath, Goldberg & Meyer; Richard C. Litman"
2. IFW outgoing USPTO docs	12	OAs, NOAs, Issue Notifications addressed to Litman via CN-37833
3. IFW incoming NGM docs	17	Specs, Claims, Remarks filed under Litman correspondence
4. Other IFW (POA, OATH, etc.)	6	PA, OATH, App File Receipts
5. Per-docket emails (Martha Long et al.)	6	Office Action notifications, status updates citing docket 33160.59U
Cascade total (separately-dated § 51 uses)	42	Each is independently actionable under deck-of-cards § 51 theory

Per-element § 51 mapping for 12,062,780: (1) **Use of name** — yes (face page Item 74); (2) **Within this state** — yes (NY-based clients, NY court jurisdiction); (3) **For purposes of trade** — yes (paid commercial patent prosecution for KFU); (4) **Without written consent** — Defendants must produce or this element is satisfied. **Knowingly:** Lafave personally typed Litman name in Box 2 alongside parallel Goldberg/Lafave-name selections.

Exhibit A-7 — U.S. Patent No. 12,065,424

"6'(4-methoxyphenyl)-2'-alkoxy-3,4'-bipyridine-3'-carbonitrile antimicrobial compounds"

Application No.	18/425,923	Issue Date	2024-08-20
Attorney Docket	33175.60A (legacy LLO/STI)	Assignee	KFU
First Inventor	H.M.A. El-Lateef Ahmed	PTOL-85B Signer	James Lafave (Reg. 71013)
Box 2 Line 1	Nath, Goldberg & Meyer	Box 2 Line 2	Richard C. Litman
Patent face Item (74)	Nath, Goldberg & Meyer; Richard C. Litman		

Use type	Count	What each is
1. Patent face page	1	Item (74) "Nath, Goldberg & Meyer; Richard C. Litman"
2. IFW outgoing USPTO docs	17	OAs, NOAs, Issue Notifications addressed to Litman via CN-37833
3. IFW incoming NGM docs	25	Specs, Claims, Remarks filed under Litman correspondence
4. Other IFW (POA, OATH, etc.)	8	PA, OATH, App File Receipts
5. Per-docket emails (Martha Long et al.)	5	Office Action notifications, status updates citing docket 33175.60A
Cascade total (separately-dated § 51 uses)	56	Each is independently actionable under deck-of-cards § 51 theory

Per-element § 51 mapping for 12,065,424: (1) **Use of name** — yes (face page Item 74); (2) **Within this state** — yes (NY-based clients, NY court jurisdiction); (3) **For purposes of trade** — yes (paid commercial patent prosecution for KFU); (4) **Without written consent** — Defendants must produce or this element is satisfied. **Knowingly:** Lafave personally typed Litman name in Box 2 alongside parallel Goldberg/Lafave-name selections.

Exhibit A-8 — U.S. Patent No. 12,071,437

"Pyrazolo[1,5-a]pyrido[4,3-e]pyrimidine-2-carboxylic acids as CK2 inhibitors"

Application No.	18/411,323	Issue Date	2024-08-27
Attorney Docket	33150.41U (legacy LLO/STI)	Assignee	KFU
First Inventor	C. Tradrat	PTOL-85B Signer	James Lafave (Reg. 71013)
Box 2 Line 1	Nath, Goldberg & Meyer	Box 2 Line 2	Richard C. Litman
Patent face Item (74)	Nath, Goldberg & Meyer; Richard C. Litman		

Use type	Count	What each is
1. Patent face page	1	Item (74) "Nath, Goldberg & Meyer; Richard C. Litman"
2. IFW outgoing USPTO docs	16	OAs, NOAs, Issue Notifications addressed to Litman via CN-37833
3. IFW incoming NGM docs	23	Specs, Claims, Remarks filed under Litman correspondence
4. Other IFW (POA, OATH, etc.)	7	PA, OATH, App File Receipts
5. Per-docket emails (Martha Long et al.)	10	Office Action notifications, status updates citing docket 33150.41U
Cascade total (separately-dated § 51 uses)	57	Each is independently actionable under deck-of-cards § 51 theory

Per-element § 51 mapping for 12,071,437: (1) **Use of name** — yes (face page Item 74); (2) **Within this state** — yes (NY-based clients, NY court jurisdiction); (3) **For purposes of trade** — yes (paid commercial patent prosecution for KFU); (4) **Without written consent** — Defendants must produce or this element is satisfied. **Knowingly:** Lafave personally typed Litman name in Box 2 alongside parallel Goldberg/Lafave-name selections.

Exhibit A-9 — U.S. Patent No. D 1,046,141

"Dental tool for anchoring a rubber dam (design patent)"

Application No.	29/746,671	Issue Date	2024-10-08
Attorney Docket	33056.38 (legacy LLO/STI)	Assignee	KSU
First Inventor	L.S. Alsaleh	PTOL-85B Signer	James Lafave (Reg. 71013)
Box 2 Line 1	Nath, Goldberg & Meyer	Box 2 Line 2	Richard C. Litman
Patent face Item (74)	Nath, Goldberg & Meyer; Richard C. Litman		

Use type	Count	What each is
1. Patent face page	1	Item (74) "Nath, Goldberg & Meyer; Richard C. Litman"
2. IFW outgoing USPTO docs	16	OAs, NOAs, Issue Notifications addressed to Litman via CN-37833
3. IFW incoming NGM docs	23	Specs, Claims, Remarks filed under Litman correspondence
4. Other IFW (POA, OATH, etc.)	7	PA, OATH, App File Receipts
5. Per-docket emails (Martha Long et al.)	6	Office Action notifications, status updates citing docket 33056.38
Cascade total (separately-dated § 51 uses)	52	Each is independently actionable under deck-of-cards § 51 theory

Per-element § 51 mapping for D 1,046,141: (1) **Use of name** — yes (face page Item 74); (2) **Within this state** — yes (NY-based clients, NY court jurisdiction); (3) **For purposes of trade** — yes (paid commercial patent prosecution for KSU); (4) **Without written consent** — Defendants must produce or this element is satisfied. **Knowingly:** Lafave personally typed Litman name in Box 2 alongside parallel Goldberg/Lafave-name selections.

Exhibit A-10 — U.S. Patent No. 12,114,620

"Vertical tubers planter and harvester"

Application No.	18/241,049	Issue Date	2024-10-15
Attorney Docket	32366.97U (legacy LLO/STI)	Assignee	KISR
First Inventor	S.O. Asem	PTOL-85B Signer	James Lafave (Reg. 71013)
Box 2 Line 1	Nath, Goldberg & Meyer	Box 2 Line 2	Richard C. Litman
Patent face Item (74)	Nath, Goldberg & Meyer; Richard C. Litman		

Use type	Count	What each is
1. Patent face page	1	Item (74) "Nath, Goldberg & Meyer; Richard C. Litman"
2. IFW outgoing USPTO docs	21	OAs, NOAs, Issue Notifications addressed to Litman via CN-37833
3. IFW incoming NGM docs	31	Specs, Claims, Remarks filed under Litman correspondence
4. Other IFW (POA, OATH, etc.)	10	PA, OATH, App File Receipts
5. Per-docket emails (Martha Long et al.)	111	Office Action notifications, status updates citing docket 32366.97U
Cascade total (separately-dated § 51 uses)	173	Each is independently actionable under deck-of-cards § 51 theory

Per-element § 51 mapping for 12,114,620: (1) **Use of name** — yes (face page Item 74); (2) **Within this state** — yes (NY-based clients, NY court jurisdiction); (3) **For purposes of trade** — yes (paid commercial patent prosecution for KISR); (4) **Without written consent** — Defendants must produce or this element is satisfied. **Knowingly:** Lafave personally typed Litman name in Box 2 alongside parallel Goldberg/Lafave-name selections.

Exhibit A-11 — U.S. Patent No. 12,116,333

"3,3'-(hydrazine-1,2-diyl)bis(1-(naphthalen-2-yloxy)propan-2-ol) as ecofriendly insecticidal agent"

Application No.	18/511,800	Issue Date	2024-10-15
Attorney Docket	33150.71A (legacy LLO/STI)	Assignee	KFU
First Inventor	M.M. Khalaf Ali	PTOL-85B Signer	James Lafave (Reg. 71013)
Box 2 Line 1	Nath, Goldberg & Meyer	Box 2 Line 2	Richard C. Litman
Patent face Item (74)	Nath, Goldberg & Meyer; Richard C. Litman		

Use type	Count	What each is
1. Patent face page	1	Item (74) "Nath, Goldberg & Meyer; Richard C. Litman"
2. IFW outgoing USPTO docs	28	OAs, NOAs, Issue Notifications addressed to Litman via CN-37833
3. IFW incoming NGM docs	40	Specs, Claims, Remarks filed under Litman correspondence
4. Other IFW (POA, OATH, etc.)	12	PA, OATH, App File Receipts
5. Per-docket emails (Martha Long et al.)	10	Office Action notifications, status updates citing docket 33150.71A
Cascade total (separately-dated § 51 uses)	91	Each is independently actionable under deck-of-cards § 51 theory

Per-element § 51 mapping for 12,116,333: (1) **Use of name** — yes (face page Item 74); (2) **Within this state** — yes (NY-based clients, NY court jurisdiction); (3) **For purposes of trade** — yes (paid commercial patent prosecution for KFU); (4) **Without written consent** — Defendants must produce or this element is satisfied. **Knowingly:** Lafave personally typed Litman name in Box 2 alongside parallel Goldberg/Lafave-name selections.

Exhibit A-12 — U.S. Patent No. 12,194,434

"Imidazolium ionic liquids made using cardanol extracted from cashew nutshell oil for crude oil recovery"

Application No.	18/612,504	Issue Date	2025-01-14
Attorney Docket	33056.80A (legacy LLO/STI)	Assignee	KSU
First Inventor	A.M. Atta	PTOL-85B Signer	James Lafave (Reg. 71013)
Box 2 Line 1	Nath, Goldberg & Meyer	Box 2 Line 2	Richard C. Litman
Patent face Item (74)	Nath, Goldberg & Meyer; Richard C. Litman		

Use type	Count	What each is
1. Patent face page	1	Item (74) "Nath, Goldberg & Meyer; Richard C. Litman"
2. IFW outgoing USPTO docs	18	OAs, NOAs, Issue Notifications addressed to Litman via CN-37833
3. IFW incoming NGM docs	26	Specs, Claims, Remarks filed under Litman correspondence
4. Other IFW (POA, OATH, etc.)	9	PA, OATH, App File Receipts
5. Per-docket emails (Martha Long et al.)	14	Office Action notifications, status updates citing docket 33056.80A
Cascade total (separately-dated § 51 uses)	67	Each is independently actionable under deck-of-cards § 51 theory

Per-element § 51 mapping for 12,194,434: (1) **Use of name** — yes (face page Item 74); (2) **Within this state** — yes (NY-based clients, NY court jurisdiction); (3) **For purposes of trade** — yes (paid commercial patent prosecution for KSU); (4) **Without written consent** — Defendants must produce or this element is satisfied. **Knowingly:** Lafave personally typed Litman name in Box 2 alongside parallel Goldberg/Lafave-name selections.

EXHIBIT A — Focus: KISR Docket 32366.97U

U.S. Patent No. 12,114,620 (granted 10/15/2024) — single-docket lifecycle

Litman v. Goldberg · Index No. 524343/2025 · Hon. Brian L. Gottlieb, J.S.C.

Why this docket warrants single-focus treatment

Of the 12 dockets in Exhibit A, KISR docket **32366.97U** is the highest-activity matter in the corpus, with 111 corpus mentions across the 2021-2024 prosecution lifecycle (the longest of any docket in the set). Beyond Martha Long, the docket has external KISR contacts. The matter began under Plaintiff's pre-SOL representation (legacy LLO STI/PracticeMaster docket prefix 32366.xx, Litman-originated client carried forward from his pre-2017 practice), continued through the post-arbitration period, and culminated with Litman's name on the issued patent face.

Per-patent attribution chain

Stage	Date	Document	Litman name appears
Application filed	2024-04	App. 18/241,049 — KISR Director General signed POA	Correspondence routes via CN-37833
PTOL-85B (Issue Fee)	2024-04-17	James Lafave (Reg. 71013) signed; Box 2: "Richard C. Litman"	YES — typed manually by Lafave
Notice of Allowance	~2024 NOA mailed	Addressed to "Richard C. Litman / NGM / 112 S. West St."	YES — correspondence block
Issue Notification	2024 (cited in IFW)	Addressed to "Richard C. Litman / NGM / 112 S. West St."	YES — correspondence block
Patent issuance	2024-10-15	US 12,114,620 — Item (74) lists Plaintiff as AOR	YES — printed on face page
Client correspondence	2021-09-30 → 2024-11-15	Corpus emails citing docket 32366.97U	YES — subject line + signature

Each row is a separate dated event in which Plaintiff's name was used in connection with a paying client's patent prosecution. Per the deck-of-cards § 51 theory, each row is an independently-actionable use within the SOL window (CPLR 215(3)).

IFW document inventory (62 docs)

Per the live USPTO ODP query (April 2026), the IFW for application 18/241,049 contains 62 documents: **17 outgoing** (USPTO-issued, each addressed to Litman via CN-37833) + **34 incoming** (NGM-filed, under Litman correspondence) + **11 other** (POA, Inventor's Oath, Application File Receipt, etc.). This is the highest IFW count of any docket in the Exhibit A set.

Reproducibility

Source: `output/patent_count_refresh/per_docket_email_corpus_search.csv` (row for docket 32366.97U). IFW JSON: `output/patent_count_refresh/ifw_raw/18241049.json`. Face page: `output/patent_count_refresh/face_pages/12114620_face.pdf`.



US012114620B1

(12) **United States Patent**
Asem

(10) **Patent No.:** **US 12,114,620 B1**
(45) **Date of Patent:** **Oct. 15, 2024**

(54) **VERTICAL TUBERS PLANTER AND HARVESTER**

(71) Applicant: **KUWAIT INSTITUTE FOR SCIENTIFIC RESEARCH**, Safat (KW)

(72) Inventor: **Samira Omar Asem**, Safat (KW)

(73) Assignee: **KUWAIT INSTITUTE FOR SCIENTIFIC RESEARCH**, Safat (KW)

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

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Primary Examiner — Kristen C Hayes

(74) *Attorney, Agent, or Firm* — Nath, Goldberg & Meyer; Richard C. Litman

(21) Appl. No.: **18/241,049**

(22) Filed: **Aug. 31, 2023**

(51) **Int. Cl.**
A01G 9/02 (2018.01)
A01G 9/24 (2006.01)
A01G 22/25 (2018.01)

(52) **U.S. Cl.**
CPC *A01G 9/023* (2013.01); *A01G 9/247* (2013.01); *A01G 9/249* (2019.05); *A01G 22/25* (2018.02)

(58) **Field of Classification Search**
CPC *A01G 9/023*; *A01G 9/022*; *A01G 9/00*; *A01G 9/02*; *A01G 31/00*; *A01G 31/06*
See application file for complete search history.

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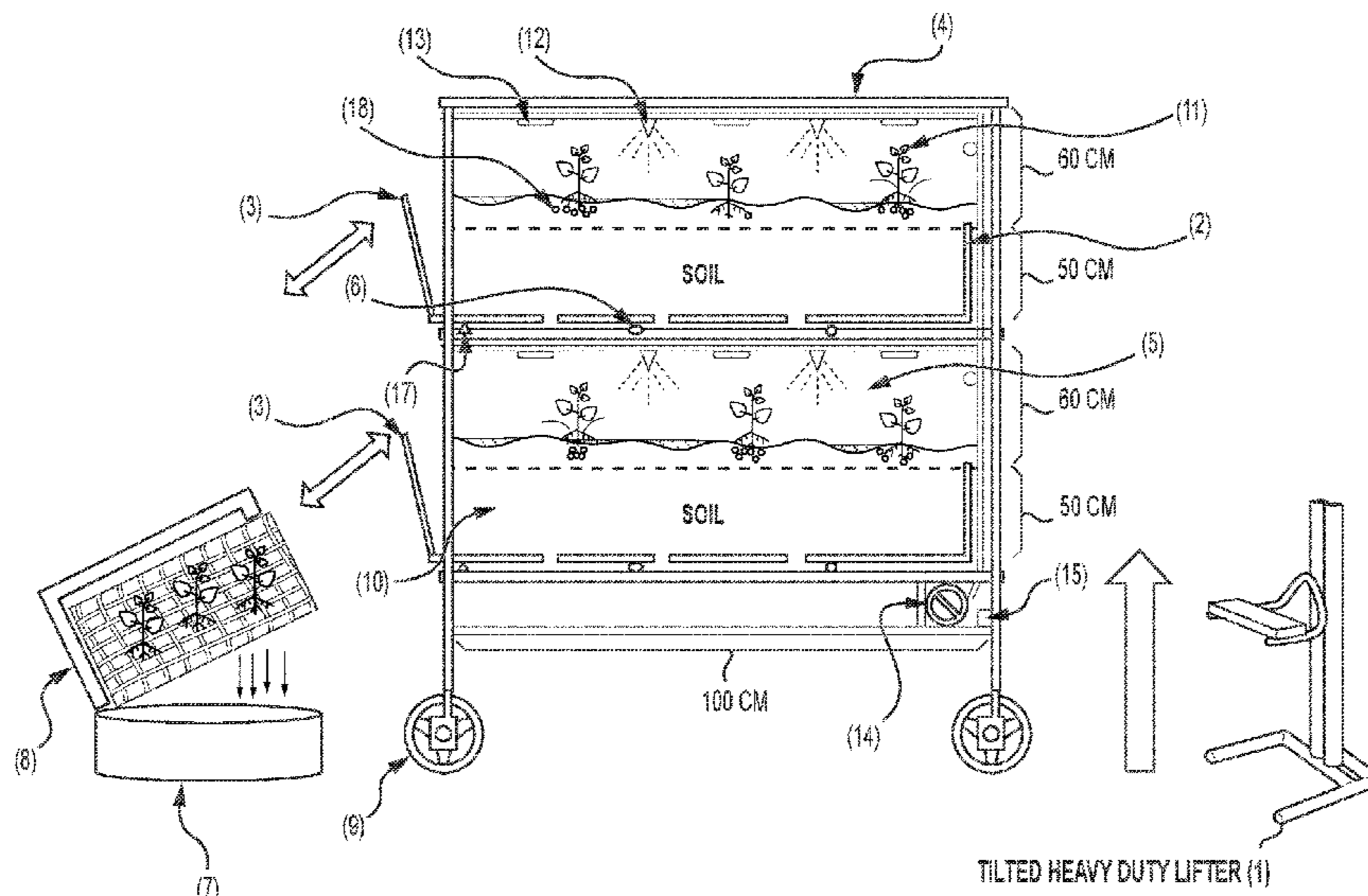
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(57) **ABSTRACT**

A system and method for using indoor vertical farming for cultivating tubers. The method and system include a wheeled framework with tiered platforms, the platforms forming multiple growing spaces for growing portions of a tuber crop and soil where the growing spaces are provided with irrigation and illumination. Each growing space has a paneled wheeled planter tray which rests on a platform and each portion of the tuber crop and soil can be extracted from each paneled wheeled planter tray by a lifting action to fall into a mesh covered container, used to separate the soil from the tuber crop.

6 Claims, 3 Drawing Sheets





APPLICATION NO.	ISSUE DATE	PATENT NO.	ATTORNEY DOCKET NO.	CONFIRMATION NO.
18/241,049	10/15/2024	12114620	32366.97U	4352

37833 7590 09/25/2024
Richard C. Litman
Nath, Goldberg & Meyer
112 S. West Street
Alexandria, VA 22314

ISSUE NOTIFICATION

The projected patent number and issue date are specified above. The patent will issue electronically. The electronically issued patent is the official patent grant pursuant to 35 U.S.C. § 153. The patent may be accessed on or after the issue date through Patent Center at <https://patentcenter.uspto.gov/>. The patent will be available in both the public and the private sides of Patent Center. Further assistance in electronically accessing the patent, or about Patent Center, is available by calling the Patent Electronic Business Center at 1-888-217-9197.

The USPTO is implementing electronic patent issuance with a transition period, during which period the USPTO will mail a ceremonial paper copy of the electronic patent grant to the correspondence address of record. Additional copies of the patent (i.e., certified and presentation copies) may be ordered for a fee from the USPTO's Certified Copy Center at <https://certifiedcopycenter.uspto.gov/index.html>. The Certified Copy Center may be reached at (800)972-6382.

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b) (application filed on or after May 29, 2000)

The Patent Term Adjustment is 0 day(s). Any patent to issue from the above-identified application will include an indication of the adjustment on the front page.

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Center (<https://patentcenter.uspto.gov>).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Application Assistance Unit (AAU) of the Office of Patents Stakeholder Experience (OPSE), Stakeholder Support Division (SSD) at (571)-272-4200.

INVENTOR(s) (Please see PATENT CENTER site <https://patentcenter.uspto.gov> for additional inventors):

Samira Omar ASEM, Safat, KUWAIT;

APPLICANT(s) (Please see PATENT CENTER site <https://patentcenter.uspto.gov> for additional applicants):

KUWAIT INSTITUTE FOR SCIENTIFIC RESEARCH, Safat, KUWAIT;

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NOTICE OF ALLOWANCE AND FEE(S) DUE

37833 7590 04/02/2024
Richard C. Litman
Nath, Goldberg & Meyer
112 S. West Street
Alexandria, VA 22314

Table with 2 columns: EXAMINER (HAYES, KRISTEN C), ART UNIT (3642), PAPER NUMBER (4352)

DATE MAILED: 04/02/2024

Table with 5 columns: APPLICATION NO. (18/241,049), FILING DATE (08/31/2023), FIRST NAMED INVENTOR (Samira Omar ASEM), ATTORNEY DOCKET NO. (32366.97U), CONFIRMATION NO. (4352)

TITLE OF INVENTION: VERTICAL TUBERS PLANTER AND HARVESTER

Table with 7 columns: APPLN. TYPE (nonprovisional), ENTITY STATUS (SMALL), ISSUE FEE DUE (\$480), PUBLICATION FEE DUE (\$0.00), PREV. PAID ISSUE FEE (\$0.00), TOTAL FEE(S) DUE (\$480), DATE DUE (07/02/2024)

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the ENTITY STATUS shown above. If the ENTITY STATUS is shown as SMALL or MICRO, verify whether entitlement to that entity status still applies.

If the ENTITY STATUS is the same as shown above, pay the TOTAL FEE(S) DUE shown above.

If the ENTITY STATUS is changed from that shown above, on PART B - FEE(S) TRANSMITTAL, complete section number 5 titled "Change in Entity Status (from status indicated above)".

For purposes of this notice, small entity fees are 40% the amount of undiscounted fees, and micro entity fees are 20% the amount of undiscounted fees.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Maintenance fees are due in utility patents issuing on applications filed on or after Dec. 12, 1980. It is patentee's responsibility to ensure timely payment of maintenance fees when due. More information is available at www.uspto.gov/PatentMaintenanceFees.

PRE-SOL LAFAVE 4-PATENT TAIL — Willfulness / Course-of-Conduct Exhibit

Companion to Exhibit A (12-Patent Core Liability Set)

Litman v. Goldberg · Index No. 524343/2025 · NY Sup. Ct. Kings County · Hon. Brian L. Gotlieb, J.S.C. Prepared: 2026-04-25

Purpose

The 16-PTOL-85B Lafave-signed PTOL-85B pattern that produced the 12 patents in Exhibit A also produced **four additional U.S. patents that issued before the §51 statute of limitations cutoff of July 21, 2024**. Per CPLR 215(3) (1-year SOL for § 51 misappropriation of name), these four pre-SOL patents are not standalone liability. They are, however, **heavily probative of**:

1. **Commercial value of Plaintiff's name** — Defendant's firm used the same name on the same form, in the same pattern, for paying clients of the same kind, both before and after the SOL window opened.
2. **Defendant's knowledge** — these four patents establish that James Lafave (Reg. 71013) personally signed PTOL-85B forms naming Plaintiff with full knowledge of the practice; the pattern did not begin in the SOL window.
3. **Habit / routine practice under *Halloran v. Va. Chems.***, 41 N.Y.2d 386 (1977) — the pattern had a documented 169-day duration with 16 forms, all signed by Lafave with “Richard C. Litman” in Box 2 of every form. The four pre-SOL exhibits establish the routineness essential to the Halloran inference.
4. **Damages-calculation context for the 12 within-SOL uses** — pricing the per-use commercial value of Plaintiff's name draws on the longer course-of-conduct record, not just the 12 isolated within-SOL acts.

These four are not pleaded as standalone § 51 violations. Their use is foundational and contextual. Per `output/PRE_LIMITATIONS_FOUNDATION_MEMO.md` (v1.2).

The four pre-SOL patents

#	Patent	Application	Docket	Issued	Assignee	IFW Docs	Martha Emails
W-1	11,881,807	18/215,352	33110.68U	2024-01-23	King Faisal University	53	7
W-2	11,932,607	18/384,685	33135.26U	2024-03-19	King Faisal University	43	12
W-3	11,976,365	18/122,396	33101.73U	2024-05-07	King Faisal University	78	11
W-4	11,980,937	18/392,663	33150.15U	2024-05-14	King Faisal University	47	11
					TOTAL	221	41

Per-staffer roll-up: Lafave signed PTOL-85B for all 4 (4/4 = 100%); POA signers Goldberg 4/4 = 100%. All 4 dockets follow the legacy LLO/STI 5-digit.2-digit format (Litman-originated client matters carried forward from his pre-2017 practice).

Pre-SOL cascade total: 4 face pages + 221 IFW documents + 41 Martha emails = 266 separately-dated Litman-name uses in the pre-7/21/2024 window, all anchored to dockets in the same Lafave-signed PTOL-85B pattern that produced the 12 in Exhibit A.

Combined view (pre-SOL + post-SOL)

The 16-form Lafave-signed PTOL-85B pattern anchored a total cascade of **1,035 to 1,146 separately-dated Litman-name uses** across its 169-day run, of which 769-880 fall within the §51 SOL window and constitute the core liability set in Exhibit A. The 266 pre-SOL uses in this companion binder establish the willfulness/habit/course-of-conduct context.

Reproducibility

- Source CSV: `output/patent_count_refresh/per_patent_cascade.csv`
- Pre-SOL face pages: `output/patent_count_refresh/face_pages_pre_sol/*.pdf`
- IFW raw: `output/patent_count_refresh/ifw_raw_pre_sol/*.json`
- Combined pattern analysis: `output/PTOL85_LAFAVE_FINDINGS.md`
- Pre-Limitations Foundation Memo (legal framework): `output/PRE_LIMITATIONS_FOUNDATION_MEMO.md`

Exhibit W-1

U.S. Patent No. 11881807 (face page)

Application No. 18215352 · Docket 33110.68U

Issued 2024-01-23 · Assignee: KFU

Pre-SOL — willfulness / habit / course-of-conduct (NOT standalone liability)

Litman v. Goldberg · Index No. 524343/2025



US011881807B1

(12) **United States Patent**
Elsinawi et al.

(10) **Patent No.:** **US 11,881,807 B1**
(45) **Date of Patent:** **Jan. 23, 2024**

(54) **PORTABLE SOLAR POWERED GENERATOR**

(71) Applicant: **KING FAISAL UNIVERSITY,**
Al-Ahsa (SA)

(72) Inventors: **Abdulaziz Hassain Elsinawi,** Al-Ahsa (SA); **Ahmed Emad Almuhanha,** Al-Ahsa (SA); **Feras Fadhel Buzaid,** Al-Ahsa (SA); **Mahdi Hussain Ben Quti,** Al-Ahsa (SA); **Mohammed Shubber Alsaleh,** Al-Ahsa (SA); **Mohammed Radi Alhajji,** Al-Ahsa (SA); **Slim Adnene Chtourou,** Al-Ahsa (SA)

(73) Assignee: **KING FAISAL UNIVERSITY,**
Al-Ahsa (SA)

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) Appl. No.: **18/215,352**

(22) Filed: **Jun. 28, 2023**

(51) **Int. Cl.**
H02S 10/40 (2014.01)
H02S 30/20 (2014.01)
H02S 20/30 (2014.01)
B60J 7/14 (2006.01)
B60L 8/00 (2006.01)
B60K 16/00 (2020.01)
B60K 11/06 (2006.01)

(Continued)

(52) **U.S. Cl.**
CPC **H02S 10/40** (2014.12); **H02S 20/30** (2014.12); **H02S 30/20** (2014.12); **B60J 1/14** (2013.01); **B60J 7/141** (2013.01); **B60K 11/06** (2013.01); **B60K 2016/003** (2013.01); **B60L 8/003** (2013.01); **B60L 58/26** (2019.02); **B60L 2200/36** (2013.01); **B60Y 2200/141** (2013.01); **Y02T 10/7072** (2013.01)

(58) **Field of Classification Search**
CPC H02S 10/40; H02S 20/30; H02S 30/20; B60J 1/14; B60J 7/141; B60K 11/06; B60K 2016/003; B60L 8/003; B60L 58/26; B60L 2200/36; B60Y 2200/141; Y02T 10/7072
See application file for complete search history.

(56) **References Cited**

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(Continued)

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Primary Examiner — Michael Y Sun
(74) *Attorney, Agent, or Firm* — Nath, Goldberg & Meyer; Richard C. Litman

(57) **ABSTRACT**

A system and method for portable solar power generation is provided. The portable solar power generator will be mounted on a movable platform, making it easy to transport and install in different places. Using solar panels, the generator will create electricity, which will be stored in a battery and converted to alternating current (AC) via an inverter. The generator has a control panel that allows users to monitor and regulate power generation.

9 Claims, 23 Drawing Sheets

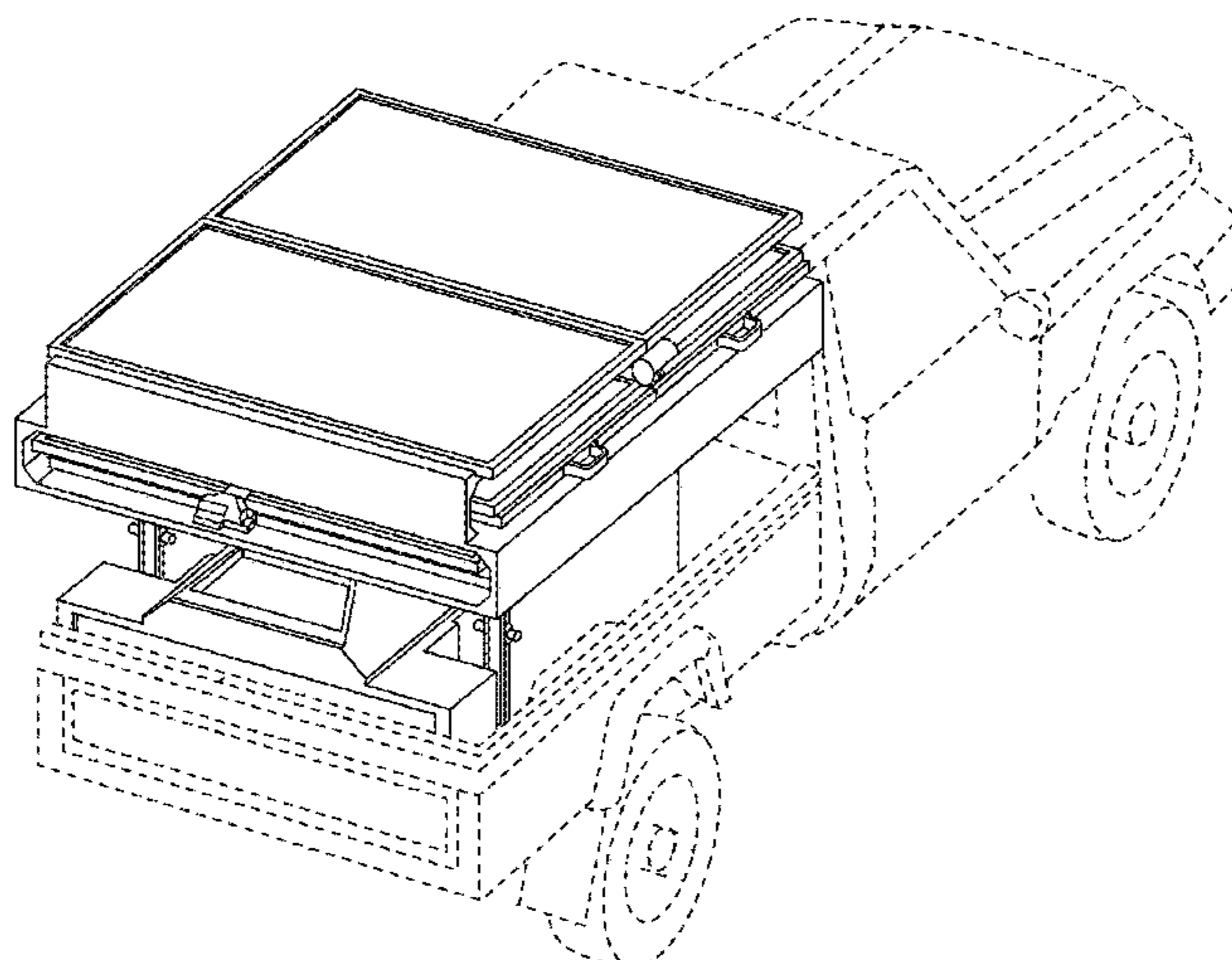


Exhibit W-1-B

PTOL-85 Part B for U.S. Patent No. 11881807

Signed by James Lafave (Reg. 71013)

Box 2 of PTOL-85B: "Richard C. Litman"

Pre-SOL — establishes Halloran habit / pattern

Litman v. Goldberg · Index No. 524343/2025

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37833 7590 12/13/2023
Richard C. Litman
Nath, Goldberg & Meyer
 112 S. West Street
 Alexandria, VA 22314

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(Typed or printed name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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18/215,352 06/28/2023 Abdulaziz Hassain ELSINAWI 33110.68U 6257

TITLE OF INVENTION: PORTABLE SOLAR POWERED GENERATOR

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
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nonprovisional SMALL \$480 \$0.00 \$0.00 \$480 03/13/2024

EXAMINER	ART UNIT	CLASS-SUBCLASS
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SUN, MICHAEL Y 1726 136-245000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- Change of correspondence address (or Change of Correspondence Address form PTO/AIA/122 or PTO/SB/122) attached.
- "Fee Address" indication (or "Fee Address" Indication form PTO/AIA/47 or PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list

- (1) The names of up to 3 registered patent attorneys or agents OR, alternatively,
 (2) The name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

- 1 Nath, Goldberg & Meyer
 2 Richard C. Litman
 3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

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(A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY)
KING FAISAL UNIVERSITY **AL-AHSA, SAUDI ARABIA**

Please check the appropriate assignee category or categories (will not be printed on the patent) : Individual Corporation or other private group entity Government

4a. Fees submitted: Issue Fee Publication Fee (if required)

4b. Method of Payment: (Please first reapply any previously paid fee shown above)

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5. Change in Entity Status (from status indicated above)

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- Applicant asserting small entity status. See 37 CFR 1.27
- Applicant changing to regular undiscounted fee status.

NOTE: Absent a valid certification of Micro Entity Status (see forms PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.

NOTE: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.

NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

NOTE: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Authorized Signature /James Lafave/ Date 2023-12-18

Typed or printed name James Lafave Registration No. 71013

Exhibit W-2

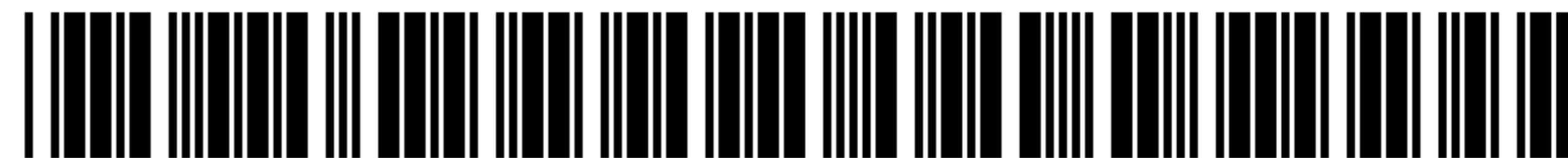
U.S. Patent No. 11932607 (face page)

Application No. 18384685 · Docket 33135.26U

Issued 2024-03-19 · Assignee: KFU

Pre-SOL — willfulness / habit / course-of-conduct (NOT standalone liability)

Litman v. Goldberg · Index No. 524343/2025



US011932607B1

(12) **United States Patent**
Ahmed et al.

(10) **Patent No.: US 11,932,607 B1**
 (45) **Date of Patent: Mar. 19, 2024**

(54) **4-(2,4,5-TRIS(4-CHLOROPHENYL)-1H-IMIDAZOL-1-YL)BENZOIC ACID AS AN ANTIMICROBIAL COMPOUND**

(71) Applicant: **KING FAISAL UNIVERSITY,**
 Al-Ahsa (SA)

(72) Inventors: **Hany Mohamed Abd El-Lateef Ahmed,** Al-Ahsa (SA); **Mai Mostafa Khalaf Ali,** Al-Ahsa (SA); **Antar Ahmed Abdelhamid Ahmed,** Sohag (EG); **Amer A. Amer,** Sohag (EG)

(73) Assignee: **KING FAISAL UNIVERSITY,**
 Al-Ahsa (SA)

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) Appl. No.: **18/384,685**

(22) Filed: **Oct. 27, 2023**

(51) **Int. Cl.**
C07D 233/64 (2006.01)
A61P 31/04 (2006.01)
A61P 31/10 (2006.01)

(52) **U.S. Cl.**
 CPC **C07D 233/64** (2013.01); **A61P 31/04** (2018.01); **A61P 31/10** (2018.01)

(58) **Field of Classification Search**
 CPC **C07D 233/64**
 See application file for complete search history.

(56) **References Cited**

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* cited by examiner

Primary Examiner — Laura L Stockton

(74) *Attorney, Agent, or Firm* — Nath, Goldberg & Meyer; Richard C. Litman

(57) **ABSTRACT**

An 4-(2,4,5-tris(4-chlorophenyl)-1H-imidazol-1-yl)benzoic acid compound, its synthesis, and its use as an antimicrobial agent.

13 Claims, No Drawings

Exhibit W-2-B

PTOL-85 Part B for U.S. Patent No. 11932607

Signed by James Lafave (Reg. 71013)

Box 2 of PTOL-85B: "Richard C. Litman"

Pre-SOL — establishes Halloran habit / pattern

Litman v. Goldberg · Index No. 524343/2025

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37833 7590 01/26/2024
Richard C. Litman
Nath, Goldberg & Meyer
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Form with fields for (Typed or printed name), (Signature), and (Date).

Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.

18/384,685 10/27/2023 HANY MOHAMED ABD EL-LATEEF AHMED 33135.26U 3312
TITLE OF INVENTION: 4-(2,4,5-TRIS(4-CHLOROPHENYL)-1H-IMIDAZOL-1-YL)BENZOIC ACID AS AN ANTIMICROBIAL COMPOUND

Table with 7 columns: APPLN. TYPE, ENTITY STATUS, ISSUE FEE DUE, PUBLICATION FEE DUE, PREV. PAID ISSUE FEE, TOTAL FEE(S) DUE, DATE DUE

Table with 3 columns: EXAMINER, ART UNIT, CLASS-SUBCLASS

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).
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"Fee Address" indication (or "Fee Address" Indication form PTO/AIA/47 or PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list
(1) The names of up to 3 registered patent attorneys or agents OR, alternatively,
(2) The name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.
1 Nath, Goldberg & Meyer
2 Richard C. Litman
3

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)
PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document must have been previously recorded, or filed for recordation, as set forth in 37 CFR 3.11 and 37 CFR 3.81(a). Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE KING FAISAL UNIVERSITY
(B) RESIDENCE: (CITY and STATE OR COUNTRY) AL-AHSA, SAUDI ARABIA
Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government

4a. Fees submitted: Issue Fee Publication Fee (if required)
4b. Method of Payment: (Please first reapply any previously paid fee shown above)
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5. Change in Entity Status (from status indicated above)
Applicant certifying micro entity status. See 37 CFR 1.29
Applicant asserting small entity status. See 37 CFR 1.27
Applicant changing to regular undiscounted fee status.
NOTE: Absent a valid certification of Micro Entity Status (see forms PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.
NOTE: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.
NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

NOTE: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.
Authorized Signature /James Lafave/ Date 2024-01-29
Typed or printed name James Lafave Registration No. 71013

Exhibit W-3

U.S. Patent No. 11976365 (face page)

Application No. 18122396 · Docket 33101.73U

Issued 2024-05-07 · Assignee: KFU

Pre-SOL — willfulness / habit / course-of-conduct (NOT standalone liability)

Litman v. Goldberg · Index No. 524343/2025



US011976365B1

(12) **United States Patent**
Ahmed et al.

(10) **Patent No.:** **US 11,976,365 B1**
(45) **Date of Patent:** **May 7, 2024**

(54) **METHOD OF FORMING METAL OXIDE NANOSTRUCTURES ON A TiN-BUFFERED-SUBSTRATE**

(71) Applicant: **King Faisal University, Al-Ahsa (SA)**

(72) Inventors: **Faheem Ahmed, Al-Ahsa (SA); Nishat Arshi, Al-Ahsa (SA); Shalendra Kumar, Al-Ahsa (SA); Nagih Mohammed Shaalan, Al-Ahsa (SA); Ghazzai Almutairi, Al-Ahsa (SA); P. M. Z. Hasan, Al-Ahsa (SA); Naushad Ahmad, Al-Ahsa (SA); Thamraa Alshahrani, Al-Ahsa (SA); Afzal Hussain, Al-Ahsa (SA)**

(73) Assignee: **KING FAISAL UNIVERSITY, Al-Ahsa (SA)**

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) Appl. No.: **18/122,396**

(22) Filed: **Mar. 16, 2023**

(51) **Int. Cl.**
C23C 18/12 (2006.01)

(52) **U.S. Cl.**
CPC **C23C 18/1216** (2013.01); **C23C 18/1245** (2013.01); **C23C 18/1266** (2013.01); **C23C 18/1291** (2013.01)

(58) **Field of Classification Search**
CPC **C23C 18/1216; C23C 18/1245; C23C 18/1266; C23C 18/1291**
See application file for complete search history.

(56) **References Cited**

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					438/57
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					977/890
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					977/773
2021/0226115	A1*	7/2021	Wang	H01L 31/1884

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Lin et al "Buffer-Facilitated Epitaxial Growth of ZnO Nanowire" Crystal Growth & Design, vol. 5, No. 2, 2005 p. 579-583. (Year: 2005).*

(Continued)

Primary Examiner — Nathan H Empie
(74) *Attorney, Agent, or Firm* — Nath, Goldberg & Meyer; Richard C. Litman

(57) **ABSTRACT**

A method of forming one-dimensional metal oxide nanostructures includes forming a TiN film on a substrate to provide a TiN-coated substrate; providing an aqueous mixture including hexamethylenetetramine and a metal nitrate, contacting the TiN-coated substrate with the aqueous mixture such that the TiN film on the substrate is in the aqueous mixture, and heating the aqueous mixture at a temperature ranging from about 50° C. to about 100° C. for a period of time ranging from about 60 minutes to about 180 minutes to form the metal oxide nanostructures. The method offers a low-temperature approach for the growth of metal oxide

(Continued)

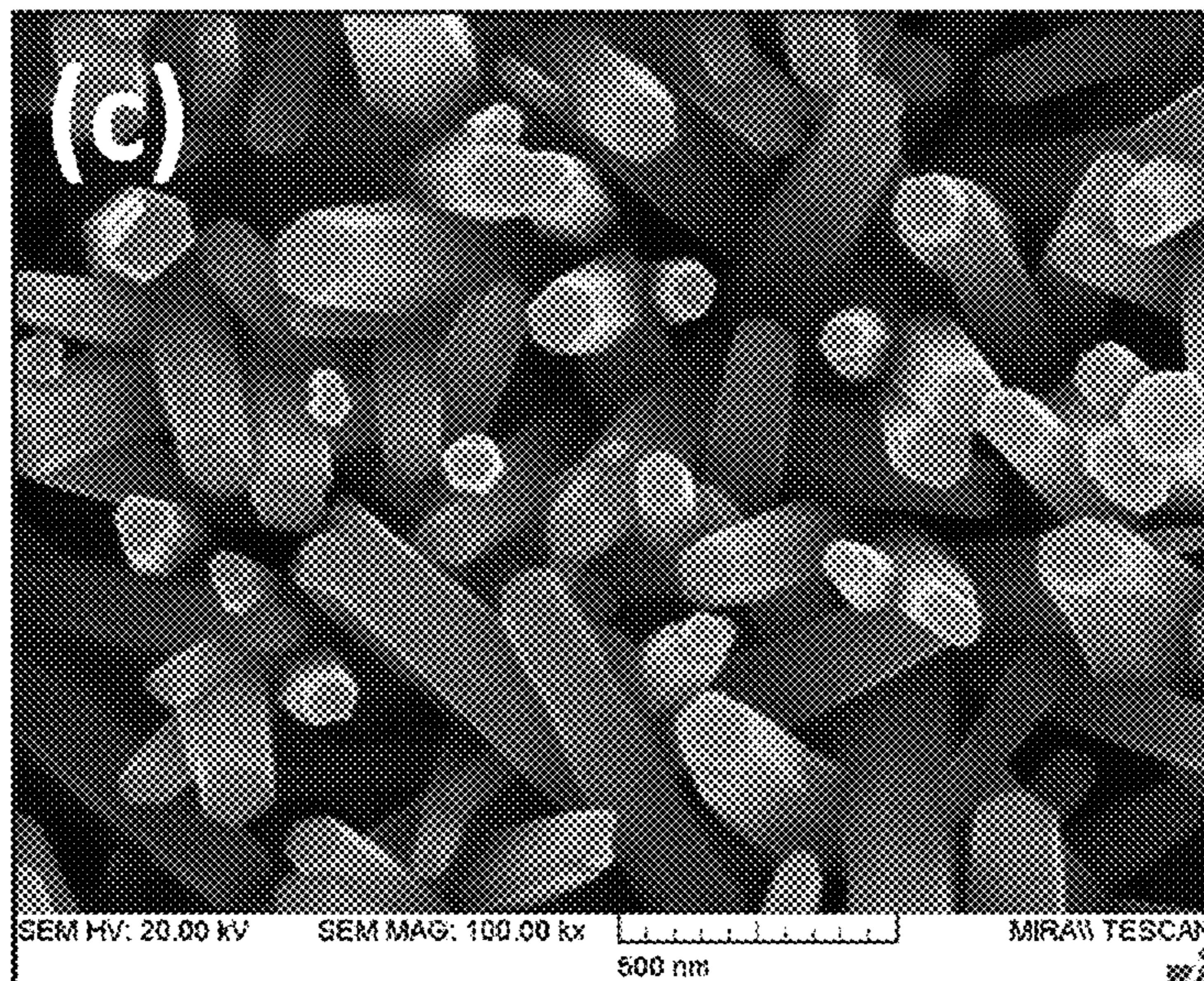


Exhibit W-3-B

PTOL-85 Part B for U.S. Patent No. 11976365

Signed by James Lafave (Reg. 71013)

Box 2 of PTOL-85B: "Richard C. Litman"

Pre-SOL — establishes Halloran habit / pattern

Litman v. Goldberg · Index No. 524343/2025

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INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications. Because electronic patent issuance may occur shortly after issue fee payment, any desired continuing application should preferably be filed prior to payment of this issue fee in order not to jeopardize copendency.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

37833 7590 03/29/2024
Richard C. Litman
Nath, Goldberg & Meyer
112 S. West Street
Alexandria, VA 22314

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being transmitted to the USPTO via the USPTO patent electronic filing system or by facsimile to (571) 273-2885, on the date below.

Form with fields for (Typed or printed name), (Signature), and (Date).

Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.

18/122,396 03/16/2023 FAHEEM AHMED 33101.73U 4950
TITLE OF INVENTION: Method of Forming Metal Oxide Nanostructures on a TiN- buffered-Substrate

Table with 7 columns: APPLN. TYPE, ENTITY STATUS, ISSUE FEE DUE, PUBLICATION FEE DUE, PREV. PAID ISSUE FEE, TOTAL FEE(S) DUE, DATE DUE

Table with 3 columns: EXAMINER, ART UNIT, CLASS-SUBCLASS

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).
2. For printing on the patent front page, list (1) The names of up to 3 registered patent attorneys or agents OR, alternatively, (2) The name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)
PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document must have been previously recorded, or filed for recordation, as set forth in 37 CFR 3.11 and 37 CFR 3.81(a). Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE: KING FAISAL UNIVERSITY
(B) RESIDENCE: (CITY and STATE OR COUNTRY) AL-AHSA, SAUDI ARABIA
Please check the appropriate assignee category or categories (will not be printed on the patent): [] Individual [X] Corporation or other private group entity [] Government

4a. Fees submitted: [X] Issue Fee [] Publication Fee (if required)
4b. Method of Payment: (Please first reapply any previously paid fee shown above)
[X] Electronic Payment via the USPTO patent electronic filing system [] Enclosed check [] Non-electronic payment by credit card (Attach form PTO-2038)
[X] The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment to Deposit Account No. 14-0112

5. Change in Entity Status (from status indicated above)
[] Applicant certifying micro entity status. See 37 CFR 1.29
[] Applicant asserting small entity status. See 37 CFR 1.27
[] Applicant changing to regular undiscounted fee status.
NOTE: Absent a valid certification of Micro Entity Status (see forms PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.
NOTE: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.
NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

NOTE: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.
Authorized Signature /James Lafave/ Date 2024-04-01
Typed or printed name James Lafave Registration No. 71013

Exhibit W-4

U.S. Patent No. 11980937 (face page)

Application No. 18392663 · Docket 33150.15U

Issued 2024-05-14 · Assignee: KFU

Pre-SOL — willfulness / habit / course-of-conduct (NOT standalone liability)

Litman v. Goldberg · Index No. 524343/2025



US011980937B1

(12) **United States Patent**
Ramadan et al.

(10) **Patent No.:** **US 11,980,937 B1**
(45) **Date of Patent:** **May 14, 2024**

(54) **ELECTRICAL DOPING OF IRON WITH CHITOSAN NANOEMULSION**

FOREIGN PATENT DOCUMENTS

(71) Applicant: **KING FAISAL UNIVERSITY,**
Al-Ahsa (SA)
(72) Inventors: **Zayed M. Ramadan,** Al-Ahsa (SA);
Mayson H. Alkhatib, Nizwa (OM)
(73) Assignee: **KING FAISAL UNIVERSITY,**
Al-Ahsa (SA)

CN	101748113	A	*	6/2010
CN	107321972	B		11/2017
CN	110833135	B		2/2020
CN	115444835	A	*	12/2022
EP	4152444	A1		3/2023
JP	6926654	B2		8/2021
WO	WO-2014081322	A1	*	5/2014

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

OTHER PUBLICATIONS

English translation of CN 101748113 (originally published Jun. 23, 2010), obtained from PE2E search.*
English translation of CN 115444835 (originally published Dec. 9, 2022), obtained from PE2E search.*
Ayesha Khan, Michael Goepel, Juan Carlos Colmenares, and Roger Gläser "Chitosan-Based N-Doped Carbon Materials for Electrocatalytic and Photocatalytic Applications" <https://doi.org/10.1021/acssuschemeng.9b07522>.

(21) Appl. No.: **18/392,663**

(22) Filed: **Dec. 21, 2023**

* cited by examiner

(51) **Int. Cl.**
C22C 33/02 (2006.01)
B22F 1/16 (2022.01)
(52) **U.S. Cl.**
CPC **B22F 1/16** (2022.01); **C22C 33/02**
(2013.01); **B22F 2202/06** (2013.01); **B22F**
2301/35 (2013.01); **B22F 2304/058** (2013.01)

Primary Examiner — George Wyszomierski
(74) *Attorney, Agent, or Firm* — Nath, Goldberg & Meyer; Richard C. Litman

(58) **Field of Classification Search**
None
See application file for complete search history.

(57) **ABSTRACT**

Methods for improving the electrical conductivity of iron by coating, or doping, it with a chitosan nanoemulsion. The electrical conductivity of the iron can be improved by increasing the concentration of chitosan in the nanoemulsion, increasing the voltage applied during the doping process, and increasing the duration of the doping process.

(56) **References Cited**

U.S. PATENT DOCUMENTS

2016/0340668 A1* 11/2016 White C12Q 1/686
2021/0164970 A1* 6/2021 Alocilja H01F 1/0054

14 Claims, 2 Drawing Sheets

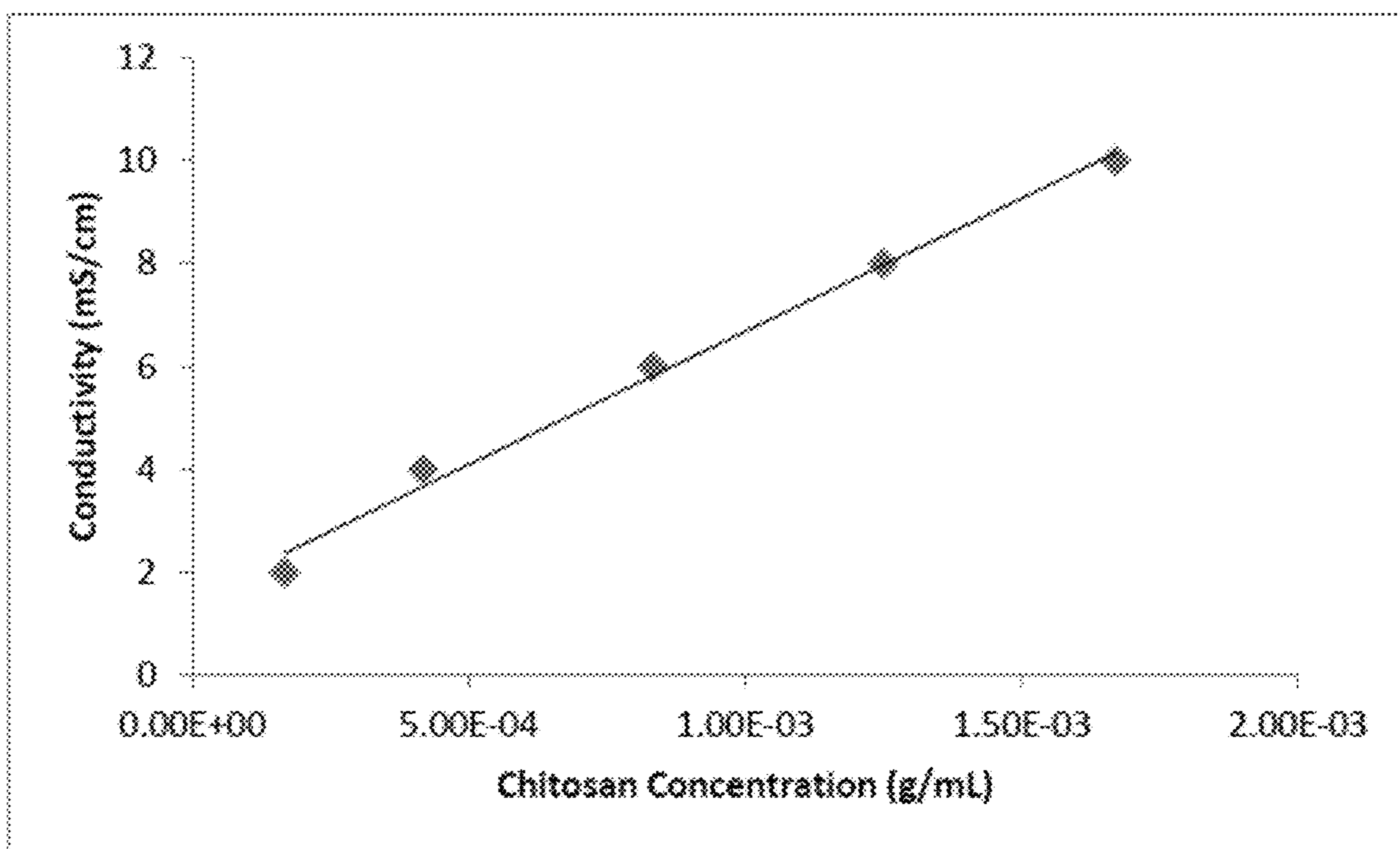


Exhibit W-4-B

PTOL-85 Part B for U.S. Patent No. 11980937

Signed by James Lafave (Reg. 71013)

Box 2 of PTOL-85B: "Richard C. Litman"

Pre-SOL — establishes Halloran habit / pattern

Litman v. Goldberg · Index No. 524343/2025

EXHIBIT B — Capability Roll-Up

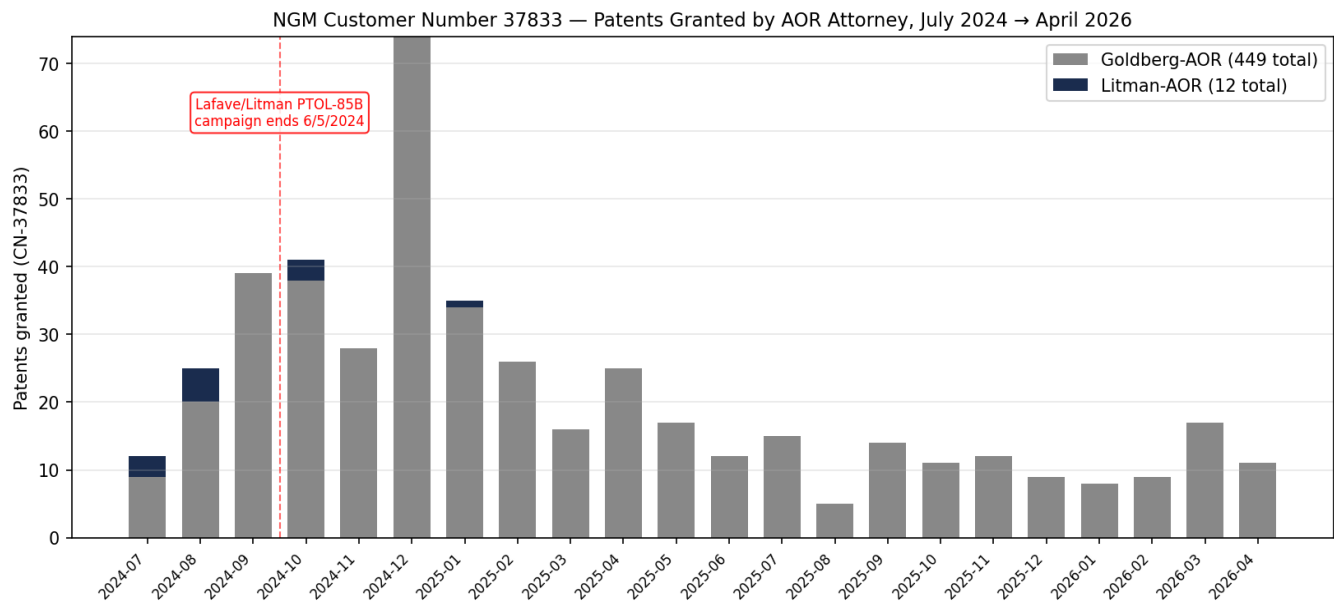
449 Goldberg-AOR Patents in the Same NGM CN-37833 SOL Window

Litman v. Goldberg · Index No. 524343/2025 · NY Sup. Ct. Kings County · Hon. Brian L. Gottlieb, J.S.C.

What this exhibit shows

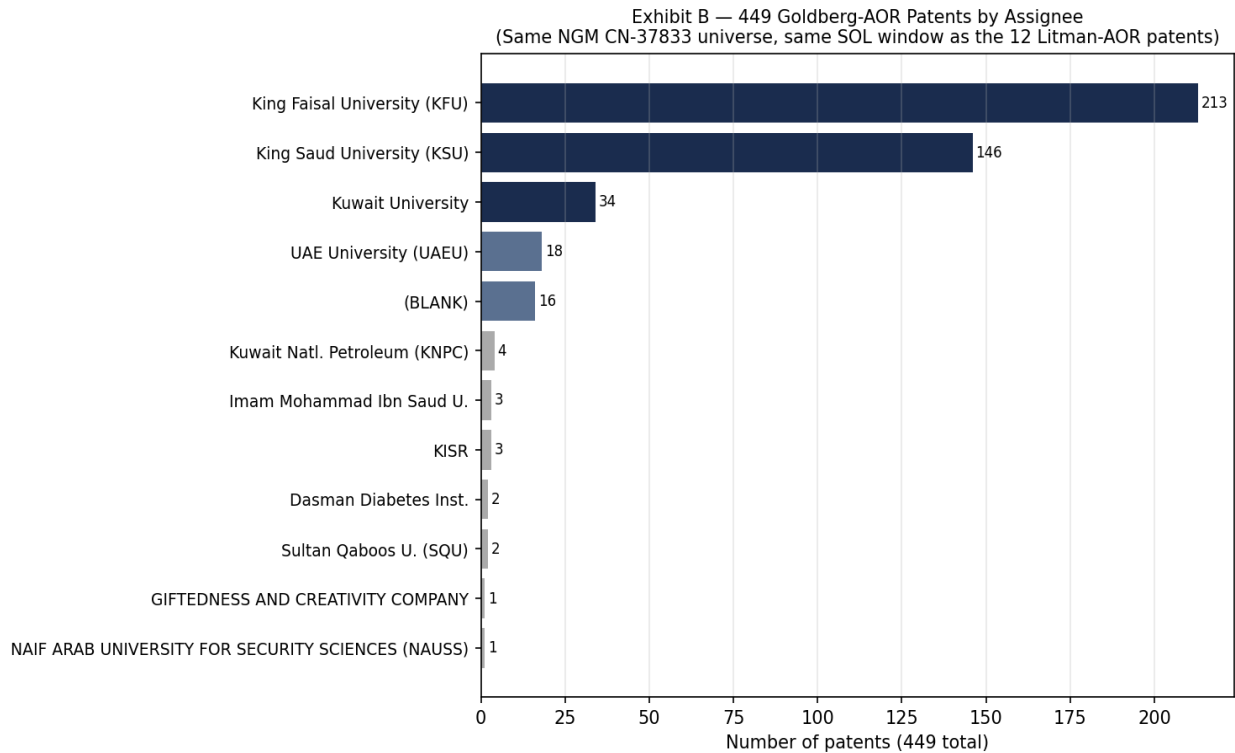
Within the same time window as Exhibit A (July 21, 2024 → April 25, 2026), the same NGM Customer Number 37833 caused **449 additional U.S. patents** to issue listing **Joshua B. Goldberg** as Attorney/Agent/Firm — as compared with the 12 patents listing Plaintiff Richard C. Litman, and 1 patent listing James Lafave. This Exhibit B documents the 449 to foreclose any defense theory that Plaintiff's name appearance was a system default, routing artifact, or clerical inertia. NGM controls the customer-number routing entirely; they elected Goldberg attribution 449 times in the same window.

Monthly distribution — full SOL window



Note the abrupt 9/2024 step-function — first month with 0% Litman attribution. After January 2025 (the final straggler grant US 12,194,434), every subsequent month showed 0 Litman attribution across 216 patents.

Assignee distribution — 449 Goldberg-AOR patents



The same Middle East government clients that received Litman attribution on 12 patents in this window received Goldberg attribution on 395+ patents (KFU 213, KSU 146, Kuwait U 34, UAEU 18, etc.) — proving the Litman elections were not client-specific, and that NGM had full capability to attribute Goldberg to each of the same client portfolios.

Pre-SOL course of conduct context (CONTEXT, not standalone liability)

Window	Duration	Litman	Goldberg	Lafave	Litman %
Pre-SOL (2020-06-15 → 2024-07-20)	4yr 1mo	875	5	0	99.4%
Post-SOL (2024-07-21 → 2026-04-25)	21 mo	12	449	1	2.6%
TOTAL	5yr 10mo	887	454	1	66.1%

The 875 pre-SOL Litman attributions are not standalone liability under CPLR 215(3) but are heavily probative of (i) the commercial value of Plaintiff's name to Defendants, (ii) Defendants' knowledge that Plaintiff's name was being used in connection with each patent, (iii) Defendants' course of conduct under *Halloran v. Va. Chems.*, 41 N.Y.2d 386 (1977), and (iv) the damages-calculation context for the 12 within-SOL uses. **Of the 5 pre-SOL Goldberg attributions**, 1 occurred on 1/2/2024 (a single anomaly) and 4 cluster on a single day — **2024-07-16** — **five days before the SOL cutoff of 2024-07-21** — suggesting deliberate pre-SOL rehearsal of the post-flip attribution scheme.

Reproducibility

All data drawn from live USPTO Open Data Portal (api.uspto.gov) queries on April 25, 2026, with X-API-Key authentication. Raw data: `output/patent_count_refresh/ngm_cn37833_grants_classified.csv`

(post-SOL 463 rows) and

output/patent_count_refresh/ngm_cn37833_grants_PRE_SOL_classified.csv (pre-SOL 894 rows). Methodology and complete findings:

output/patent_count_refresh/findings/POST_SOL_AOR_DEEP_DIVE_2026-04-25.md.

CPLR 3123 Notice to Admit

48 per-patent admissions

+ 13 universe / smoking-gun / no-consent admissions

Total: 61 numbered requests

Litman v. Goldberg · Index No. 524343/2025
NY Supreme Court, Kings County · Hon. Brian L. Gotlieb, J.S.C.

CPLR 3123 Notice to Admit

Twelve-Patent Core Liability Set — § 51 Admissions

Litman v. Goldberg, Index No. 524343/2025 (NY Sup. Ct., Kings County, Hon. Brian L. Gotlieb, J.S.C.) **Served:** 2026-04-25 (*date placeholder — counsel to insert service date*) **By:** Plaintiff Richard C. Litman, pro se **To:** Defendant Joshua B. Goldberg

Notice

PURSUANT TO **CPLR 3123(a)**, Plaintiff Richard C. Litman hereby requests that Defendant admit, within twenty (20) days of service hereof, the truth of each of the matters set forth below. Each matter is genuine, relevant, and material to this action and is one as to which Plaintiff reasonably believes there can be no substantial dispute. Defendant's failure to serve a sworn statement specifically denying the matter or setting forth in detail the reasons why Defendant cannot truthfully admit or deny it shall be deemed an admission pursuant to **CPLR 3123(a)** and **CPLR 3122-a**.

Each matter is supported by Defendant's own documents, the USPTO's public records, or both. Documents on which Plaintiff relies are: (a) the patent face pages produced as Exhibit A-1 through A-12, (b) the PTOL-85B (Issue Fee Transmittal) forms produced as Exhibit A-1B through A-12B, (c) the Powers of Attorney filed in each application, (d) the USPTO Open Data Portal grant XML data underlying the Exhibit B 449-patent capability roll-up, and (e) the documents specifically cited within each individual request.

Part I — Per-patent admissions (4 × 12 = 48 numbered items)

For each of the twelve U.S. patents listed below, please admit the following four matters separately and individually for that patent.

Template (applies to each patent)

N.a. Admit that **U.S. Patent No. [P]**, issued on **[D]**, lists “**Nath, Goldberg & Meyer; Richard C. Litman**” as the Attorney, Agent, or Firm on its face page (Item 74).

N.b. Admit that **U.S. Patent No. [P]** issued on or after **July 21, 2024** (within the limitations period under CPLR 215(3)).

N.c. Admit that Defendant does not possess, and cannot produce, any **written consent signed by Richard C. Litman** authorizing the use of his name in the above-listed patent on or after **June 15, 2020**.

N.d. Admit that the above-listed patent was prosecuted on behalf of a **paying client** of Defendant — for client **[Assignee]** — for a fee, as part of Defendant’s commercial legal practice.

Twelve patents (substitute into template)

N	Patent (P)	Issue Date (D)	Assignee
1	12,043,608	2024-07-23	King Faisal University
2	12,043,609	2024-07-23	King Faisal University
3	12,049,459	2024-07-30	King Faisal University
4	12,054,460	2024-08-06	King Faisal University
5	12,054,464	2024-08-06	King Faisal University
6	12,062,780	2024-08-13	King Faisal University
7	12,065,424	2024-08-20	King Faisal University
8	12,071,437	2024-08-27	King Faisal University
9	D 1,046,141	2024-10-08	King Saud University
10	12,114,620	2024-10-15	Kuwait Institute for Scientific Research
11	12,116,333	2024-10-15	King Faisal University
12	12,194,434	2025-01-14	King Saud University

Numbering convention: Request 1.a, 1.b, 1.c, 1.d (for Patent 12,043,608), then 2.a–2.d, etc. Total Part I requests: 48.

Part II – Universe admissions (the 12-449-1 split and the per-patent election)

- 49.** Admit that as of April 25, 2026, **463 U.S. patents** issued under USPTO Customer Number 37833 between July 21, 2024 and April 25, 2026, of which **twelve (12)** list “Richard C. Litman” as the Attorney, Agent, or Firm on the face page, **four hundred forty-nine (449)** list “Joshua B. Goldberg,” and **one (1)** lists “James Lafave.”
- 50.** Admit that **USPTO Customer Number 37833** is, and has been at all relevant times, controlled by Nath, Goldberg & Meyer (and/or Nath & Associates PLLC), the firm at which Defendant is a partner, and is used by Defendant to route correspondence concerning the patent applications referenced in the preceding requests.
- 51.** Admit that **Box 2 of Form PTOL-85 Part B** (“For printing on the patent front page”) is a manually-completed field, and that the form’s own instructions state: “If no name is listed, no name will be printed.”
- 52.** Admit that **James Lafave (USPTO Reg. 71,013)** personally signed Form PTOL-85 Part B for each of the twelve patents identified in Part I and personally typed “Richard C. Litman” in Box 2 of each such form.
- 53.** Admit that **James Lafave** also personally signed Form PTOL-85 Part B in **U.S. Application No. 18/628,953** (which issued as **U.S. Patent No. 12,127,901** on October 29, 2024), and personally typed “**James Lafave**” in Box 2 of that form, dated **September 25, 2024**.
- 54.** Admit that **James Lafave** signed at least one Form PTOL-85 Part B between **June 6, 2024 and September 25, 2024** in which he typed “**Joshua B. Goldberg**” in Box 2 (and that the patent so identified subsequently issued under USPTO Customer Number 37833).
- 55.** Admit that no person registered with the USPTO or otherwise authorized to act for Defendant caused the name “Richard C. Litman” to appear in Box 2 of any Form PTOL-85 Part B filed under USPTO Customer Number 37833 with an IFEE date on or after **June 6, 2024**.
- 56.** Admit that Defendant’s firm’s practice of typing “Richard C. Litman” in Box 2 of Form PTOL-85 Part B was **discontinued** on or about **June 5, 2024**, and that no Form PTOL-85 Part B filed under USPTO Customer Number 37833 with an IFEE date on or after that date contains the name “Richard C. Litman” in Box 2.
-

Part III — Specific-document admissions (the smoking-gun forms)

57. Admit that the document attached as **Exhibit A-12B** is a true and accurate copy of the Form PTOL-85 Part B filed in U.S. Application No. 18/612,504 on May 28, 2024; that the form was signed by James Lafave (Reg. 71013); and that “Nath, Goldberg & Meyer / Richard C. Litman” appears in Box 2 of that form.

58. Admit that the document attached as **Exhibit A-Lafave-IFEE** is a true and accurate copy of the Form PTOL-85 Part B filed in U.S. Application No. 18/628,953 on September 25, 2024; that the form was signed by James Lafave (Reg. 71013); and that “Nath, Goldberg & Meyer / James Lafave” appears in Box 2 of that form.

59. Admit that the document attached as **Exhibit A-Goldberg-IFEE-Sample** is a true and accurate copy of the Form PTOL-85 Part B filed in U.S. Application No. [Goldberg sample appNum] on June 12, 2024; that the form was signed by James Lafave (Reg. 71013); and that “Nath, Goldberg & Meyer / Joshua B. Goldberg” appears in Box 2 of that form.

Part IV — No-written-consent admissions (the affirmative-defense gate)

60. Admit that no written consent signed by Richard C. Litman authorizing the use of his name in any patent prosecution under USPTO Customer Number 37833 on or after **June 15, 2020** has been produced to Plaintiff in this litigation.

61. Admit that no such written consent exists in Defendant’s files or otherwise within Defendant’s possession, custody, or control.

Part V — Per-patent cascade admissions (the IFW + email use cascade)

62. Admit that USPTO Customer Number 37833 is registered, and has been at all relevant times during the SOL window, to the correspondence address: **“Richard C. Litman / Nath, Goldberg & Meyer / 112 S. West Street / Alexandria, VA 22314.”**

63. Admit that every outgoing USPTO document (including Office Actions, Notices of Allowance, Issue Notifications, Petition Decisions, and similar Office correspondence) for each of the twelve applications identified in Part I, Items 1–12, was addressed to “Richard C. Litman / Nath, Goldberg & Meyer” at the address recited in Request 62, by virtue of CN-37833 routing (the Customer Number registered to Defendant’s firm).

64. Admit that the Image File Wrapper (IFW) for each of the twelve applications identified in Part I, Items 1–12, contains a total of approximately **660 individual USPTO documents** across the twelve files, of which approximately **216 are outgoing USPTO documents** (each addressed as in Request 63) and approximately **311 are incoming documents filed by Nath, Goldberg & Meyer** under the same correspondence address.

65. Admit that all twelve attorney docket numbers for the patents identified in Part I, Items 1–12 follow the legacy Litman Law Offices (“LLO”) / STI PracticeMaster five-digit-period-two-digit format (specifically: 33120.91U, 33130.47U, 33120.88U, 33170.94A, 33175.68A, 33160.59U, 33175.60A, 33150.41U, 33056.38, 32366.97U, 33150.71A, and 33056.80A), and that this docket-numbering format pre-dates the NGM PCLaw renumbering scheme.

66. Admit that Martha Long, an employed paralegal of Nath, Goldberg & Meyer (mlong@nathlaw.com), sent client-facing email correspondence — under Defendant Goldberg’s supervision and on the firm’s email system — to one or more of the email aliases `kfu@4patent.com`, `ksu@4patent.com`, and `kisr@4patent.com` referencing one or more of the twelve dockets recited in Request 65; that such emails carried subject lines such as “Office Action Notification — Docket [docket],” “Patent Application Filed — Docket [docket],” “Issue Fee Paid — Docket [docket],” and similar; and that such emails contained Plaintiff’s name in the signature block or correspondence header.

67. Admit that the per-docket email index produced as `output/patent_count_refresh/per_docket_email_corpus_search.csv` is a true and accurate enumeration of the emails referencing each of the twelve dockets in Defendant’s email production (combined Martha Long, Joshua Goldberg, and Lindsay Dunbar correspondence, plus discovery TEXT-corpus mentions).

68. Admit that no person or entity, between June 15, 2020 and the date of service of this Notice, sent or filed any written notice to Plaintiff or to the USPTO instructing that Plaintiff’s name be removed from CN-37833 correspondence routing.

70. Admit that James Lafave (USPTO Reg. 71,013) is, and at all relevant times has been, an **employee attorney** of Nath, Goldberg & Meyer; that Martha Long (mlong@nathlaw.com) is, and at all relevant times has been, an **employed paralegal** of Nath, Goldberg & Meyer; and that Joshua B. Goldberg is, and at all relevant times has been, the **supervising attorney** for both Mr. Lafave’s official acts and Ms. Long’s paralegal acts within the firm.

71. Admit that the firm’s Attorney Docket Number for each of the twelve patents identified in Part I, Items 1–12, appears in a labeled “Attorney Docket No.” field on the face of each PTOL-85 Part B form attached as Exhibits A-1B through A-12B (and on the face of each Notice of Allowance, Issue

Notification, and other USPTO outgoing document filed under Customer Number 37833 in the same applications).

72. Admit that each of the Martha Long client emails identified in Part II, Request 67, includes the firm’s Attorney Docket Number in the email’s subject line and/or body – for example: “Office Action Notification – Docket 33120.91U,” “Patent Application Filed – Docket 33150.41U,” “Issue Fee Paid – Docket 33056.80A.”

73. Admit that each of the twelve dockets identified in Request 65 traces to a client matter originally opened by Plaintiff (under his pre-2017 Litman Law Offices, Ltd. practice) and carried forward into Nath, Goldberg & Meyer at the time of the May 2017 firm transition.

69. Admit that the four U.S. patents listed below – issued before the §51 SOL cutoff of 7/21/2024 but within the same Lafave-signed PTOL-85B pattern as the twelve patents identified in Part I – also list “Nath, Goldberg & Meyer; Richard C. Litman” on their respective face pages, were prosecuted under USPTO Customer Number 37833, and have IFWs containing approximately 221 USPTO and NGM documents in aggregate addressed to or filed under the Richard C. Litman correspondence address:

Patent	Application	Docket	Issued	Assignee
11,881,807	18/215,352	33110.68U	2024-01-23	King Faisal University
11,932,607	18/384,685	33135.26U	2024-03-19	King Faisal University
11,976,365	18/122,396	33101.73U	2024-05-07	King Faisal University
11,980,937	18/392,663	33150.15U	2024-05-14	King Faisal University

Authentication / verification

This Notice is verified pursuant to **CPLR 2106** (affirmation in lieu of affidavit, as amended effective 1/1/2024). The factual representations in this Notice rest on (a) Defendant’s productions of NGM correspondence and IFW documents; (b) live data from the USPTO Open Data Portal (api.uspto.gov), accessed and pulled by Plaintiff on April 25, 2026; and (c) the USPTO grant XML records underlying each issued patent, all of which are public records authenticated under **CPLR 4540**.

The PTOL-85 Part B forms attached as Exhibits A-1B through A-12B and as Exhibit A-Lafave-IFEE are produced by the United States Patent and Trademark Office on application by the inventor or applicant; they are public records of the USPTO and are self-authenticating under CPLR 4540.

The 463-patent classification underlying Part II is derived from USPTO grant XML files publicly hosted at api.uspto.gov; the methodology and source CSVs are described in [output/patent_count_refresh/findings/POST_SOL_AOR_DEEP_DIVE_2026-04-25.md](#). Plaintiff is prepared to produce all underlying CSVs and to demonstrate the live API query at any time.

Plaintiff's affirmation (CPLR 2106)

I, Richard C. Litman, an attorney duly admitted to practice before the courts of the District of Columbia and the Commonwealth of Virginia, and pro se Plaintiff in the above-captioned action, under the penalties of perjury, do hereby affirm that the factual representations in this Notice to Admit are true to the best of my knowledge, except as to those matters stated to be on information and belief, and as to those, I believe them to be true.

Dated: April 25, 2026

Richard C. Litman, Plaintiff pro se 172 Sterling Place, Apt. 8 Brooklyn, NY 11217 (703) 409-8850
rclitman@gmail.com