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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
90/019,702	10/14/2024	RE47720	USTAP030D.RE	8522
134688	7590	07/15/2025		
Devlin Law Firm 1526 Gilpin Ave. Wilmington, DE 19806			EXAMINER HENEGHAN, MATTHEW E	
			ART UNIT	PAPER NUMBER
			3992	
			MAIL DATE	DELIVERY MODE
			07/15/2025	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.



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Unified Patents, LLC
4445 Willard Ave.
Suite 600
Chevy Chase, MD 20815

***EX PARTE* REEXAMINATION COMMUNICATION TRANSMITTAL FORM**

REEXAMINATION CONTROL NO. 90/019,702 .

PATENT UNDER REEXAMINATION RE47720 .

ART UNIT 3992 .

Enclosed is a copy of the latest communication from the United States Patent and Trademark Office in the above identified *ex parte* reexamination proceeding (37 CFR 1.550(f)).

Where this copy is supplied after the reply by requester, 37 CFR 1.535, or the time for filing a reply has passed, no submission on behalf of the *ex parte* reexamination requester will be acknowledged or considered (37 CFR 1.550(g)).

Notice of Intent to Issue Ex Parte Reexamination Certificate	Control No. 90/019,702	Patent Under Reexamination RE47720	
	Examiner MATTHEW E HENEGHAN	Art Unit 3992	AIA (First Inventor to File) Status No

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

1. ☒ Prosecution on the merits is (or remains) closed in this *ex parte* reexamination proceeding. This proceeding is subject to reopening at the initiative of the Office or upon petition. *Cf.* 37 CFR 1.313(a). A Certificate will be issued in view of
 - (a) ☒ Patent owner's communication(s) filed: 02 June 2025.
 - (b) ☐ Patent owner's failure to file an appropriate timely response to the Office action mailed: ____.
 - (c) ☐ Patent owner's failure to timely file an Appeal Brief (37 CFR 41.31).
 - (d) ☐ The decision on appeal by the ☐ Board of Patent Appeals and Interferences ☐ Court dated ____
 - (e) ☐ Other: ____.
2. The Reexamination Certificate will indicate the following:
 - (a) Change in the Specification: ☐ Yes ☒ No
 - (b) Change in the Drawing(s): ☐ Yes ☒ No
 - (c) Status of the Claim(s):
 - (1) Patent claim(s) confirmed: 53-56,64-66,70,76,81-84 and 87-94.
 - (2) Patent claim(s) amended (including dependent on amended claim(s)): ____
 - (3) Patent claim(s) canceled: ____.
 - (4) Newly presented claim(s) patentable: ____.
 - (5) Newly presented canceled claims: ____.
 - (6) Patent claim(s) ☐ previously ☐ currently disclaimed: ____
 - (7) Patent claim(s) not subject to reexamination: 1-52,57-63,67-69,71-75,77-80,85-86 and 95-96.
3. ☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on ____.
4. ☒ Note the attached statement of reasons for patentability and/or confirmation. Any comments considered necessary by patent owner regarding reasons for patentability and/or confirmation must be submitted promptly to avoid processing delays. Such submission(s) should be labeled: "Comments On Statement of Reasons for Patentability and/or Confirmation."
5. ☐ Note attached NOTICE OF REFERENCES CITED (PTO-892).
6. ☐ Note attached LIST OF REFERENCES CITED (PTO/SB/08 or PTO/SB/08 substitute).
7. ☐ The drawing correction request filed on ____ is: ☐ approved ☐ disapproved.
8. ☐ Acknowledgment is made of the priority claim under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the certified copies have
 - ☐ been received.
 - ☐ not been received.
 - ☐ been filed in Application No. ____.
 - ☐ been filed in reexamination Control No. ____.
 - ☐ been received by the International Bureau in PCT Application No. ____.

* Certified copies not received: ____.
9. ☐ Note attached Examiner's Amendment.
10. ☐ Note attached Interview Summary (PTO-474).
11. ☐ Other: ____.

All correspondence relating to this reexamination proceeding should be directed to the **Central Reexamination Unit** at the mail, FAX, or hand-carry addresses given at the end of this Office action.

	/MATTHEW E HENEGHAN/ Primary Examiner, Art Unit 3992
--	---

cc: Requester (if third party requester)

DETAILED ACTION

Notice of Pre-AIA or AIA Status

The present application is being examined under the pre-AIA first to invent provisions.

Reexamination

Ex Parte reexamination has been ordered in response to a request by a Third Party, Unified Patents, LLC, for reexamination of claims 53-56, 64-66, 70, 76, 81-84, and 87-94 of U.S. Patent No. RE47,720 to Burchfiel, which is a reissue of U.S. Patent No. 7,483,711. See Order Granting *Ex Parte* Reexamination, mailed by the Office on 5 December 2024. In response to the previous Office Action, Patent Owner has requested reconsideration of the stated rejections.

In view of the surrender of original Patent No. 7,483,711 (hereinafter the '711 patent) and the granting of Reissue Patent No. RE47,720 (hereinafter the '720 reissue) which issued on 5 November 2019, all subsequent proceedings in this reexamination will be based on the reissue patent claims.

The patent owner is reminded of the continuing responsibility under 37 CFR 1.565(a) to apprise the Office of any litigation activity, or other prior or concurrent

proceeding, involving the '711 patent and/or the '720 reissue throughout the course of this reexamination proceeding. The third party requester is also reminded of the ability to similarly apprise the Office of any such activity or proceeding throughout the course of this reexamination proceeding. See MPEP §§ 2207, 2282 and 2286.

Extensions of time under 37 CFR 1.136(a) will not be permitted in these proceedings because the provisions of 37 CFR 1.136 apply only to "an applicant" and not to parties in a reexamination proceeding. Additionally, 35 U.S.C. 305 requires that *ex parte* reexamination proceedings "will be conducted with special dispatch" (37 CFR 1.550(a)). Extensions of time in *ex parte* reexamination proceedings are provided for in 37 CFR 1.550(c).

Oath/Declaration

The Declaration of Dr. Konstantinos Psounis filed on 2 June 2025 has been fully considered.

Allowable Subject Matter

Claims 53-56, 64-66, 70, 76, 81-84, and 87-94 are confirmed.

STATEMENT OF REASONS FOR PATENTABILITY AND/OR CONFIRMATION

The following is an examiner's statement of reasons for patentability and/or confirmation of the claims found patentable in this reexamination proceeding:

Regarding claim 53, Patent Owner has persuasively argued that the cited references would not result in "receiving at a first node in the radio communications network an instruction transmitted from a second node in the radio communications network to avoid using a plurality of frequencies to transmit to the second node."

Claims 54-56, 64-66, 70, 76, 81-84, and 87-94 are confirmed based upon their dependence on claim 53.

Any comments considered necessary by PATENT OWNER regarding the above statement must be submitted promptly to avoid processing delays. Such submission by the patent owner should be labeled: "Comments on Statement of Reasons for Patentability and/or Confirmation" and will be placed in the reexamination file.

Response to Arguments

Applicant's arguments, see Remarks, filed 2 June 2025, with respect to the rejections under 35 U.S.C. 103 have been fully considered and are persuasive. The rejections of all claims under reexamination have been withdrawn.

Conclusion

All correspondence relating to this *ex parte* reexamination proceeding should be directed:

Electronically: Registered users may submit via Patent Center at
<https://patentcenter.uspto.gov/>.

By Mail to: Mail Stop *Ex Parte* Reexam
Central Reexamination Unit
Commissioner for Patents
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By FAX to: (571) 273-9900
Central Reexamination Unit

By hand: Customer Service Window
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For Patent Center transmissions, 37 CFR 1.8(a)(1)(i)(C) and (ii) states that correspondence (except for a request for reexamination and a corrected or replacement request for reexamination) will be considered timely filed if (a) it is transmitted via the USPTO patent electronic filing system in accordance with 37 CFR 1.6(a)(4), and (b) includes a certificate of transmission for each piece of correspondence stating the date of transmission, which is prior to the expiration of the set period of time in the Office action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to MATTHEW E HENEGHAN whose telephone number is (571)272-3834. The examiner can normally be reached M-F 8-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael Fuelling can be reached on (571)270-1367. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

/MATTHEW E HENEGHAN/
Primary Examiner, Art Unit 3992

Conferees:

/Ovidio Escalante/
Primary Examiner, Art Unit 3992
/MICHAEL FUELLING/
Supervisory Patent Examiner, Art Unit 3992

Reexamination 	Application/Control No. 90/019,702	Applicant(s)/Patent Under Reexamination RE47720
	Certificate Date	Certificate Number C1

Requester Correspondence Address: ☐ Patent Owner ☒ Third Party
Unified Patents, LLC 4445 Willard Ave. Suite 600 Chevy Chase, MD 20815

LITIGATION REVIEW ☒	/MH/ (examiner initials)	26 June 2025 (date)
Case Name		Director Initials
4:24cv512,4:23cv513,4:24cv515 (OPEN)		
3:24cv2659,4:24cv516 (CLOSED)		

COPENDING OFFICE PROCEEDINGS	
TYPE OF PROCEEDING	NUMBER
Inter Partes Review (PTAB)	IPR2025-00838
Inter Partes Review (PTAB)	IPR2025-01166

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<i>Search Notes</i> 	Application/Control No. 90/019,702	Applicant(s)/Patent Under Reexamination RE47720
	Examiner MATTHEW E HENEGHAN	Art Unit 3992

CPC - Searched*		
Symbol	Date	Examiner

CPC Combination Sets - Searched*		
Symbol	Date	Examiner

US Classification - Searched*			
Class	Subclass	Date	Examiner

* See search history printout included with this form or the SEARCH NOTES box below to determine the scope of the search.

Search Notes		
Search Notes	Date	Examiner
Review of Prosecution History	12/02/2024	MH
PTAB P-TACTS search	12/02/2024	MH
PDP Continuity search	12/02/2024	MH
Review of Litigation Search	12/03/2024	MH
Review of references for FAOM, updates	03/25/2025	MH
Review for NIRC	06/26/2025	MH

Interference Search			
US Class/CPC Symbol	US Subclass/CPC Group	Date	Examiner

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Issue Classification 	Application/Control No. 90/019,702	Applicant(s)/Patent Under Reexamination RE47720
	Examiner MATTHEW E HENEGHAN	Art Unit 3992

CPC						
Symbol					Type	Version
H04W	/	52	/	343	F	2013-01-01
H04B	/	7	/	0408	I	2013-01-01
H04W	/	52	/	42	A	2013-01-01
H04B	/	7	/	12	A	2013-01-01
H04W	/	52	/	225	A	2013-01-01

CPC Combination Sets					
Symbol				Type	Version
	/		/		

NONE (Assistant Examiner) _____ (Date) _____		Total Claims Allowed: 21	
/MATTHEW E HENEGHAN/ Primary Examiner, Art Unit 3992 (Primary Examiner) _____ (Date) _____		01 July 2025 (Date)	O.G. Print Claim(s) 53 O.G. Print Figure 14

Issue Classification 	Application/Control No. 90/019,702	Applicant(s)/Patent Under Reexamination RE47720
	Examiner MATTHEW E HENEGHAN	Art Unit 3992

INTERNATIONAL CLASSIFICATION			
CLAIMED			
H04W52/34	/	52	/ 34
H04B7/0408	/	7	/ 0408

NON-CLAIMED			
H04W52/42	/	52	/ 42
H04B7/12	/	7	/ 12
H04W52/22	/	52	/ 22

US ORIGINAL CLASSIFICATION	
CLASS	SUBCLASS

CROSS REFERENCES(S)						
CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)					

NONE		Total Claims Allowed:	
(Assistant Examiner)	(Date)	21	
/MATTHEW E HENEGHAN/ Primary Examiner, Art Unit 3992	01 July 2025	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	53	14

Issue Classification 	Application/Control No. 90/019,702	Applicant(s)/Patent Under Reexamination RE47720
	Examiner MATTHEW E HENEGHAN	Art Unit 3992

☒ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47															
CLAIMS															
Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original

NONE	Total Claims Allowed:	
(Assistant Examiner)	(Date)	21
/MATTHEW E HENEGHAN/ Primary Examiner, Art Unit 3992	01 July 2025	O.G. Print Claim(s)
(Primary Examiner)	(Date)	53
		O.G. Print Figure
		14



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BIB DATA SHEET

CONFIRMATION NO. 8522

SERIAL NUMBER	FILING or 371(c) DATE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.		
90/019,702	10/14/2024	455	3992	USTAP030D.RE		
RULE						
APPLICANTS USTA TECHNOLOGY, LLC, Residence Not Provided; UNIFIED PATENTS, LLC, CHEVY CHASE,, MD;						
INVENTORS RE47720, Residence Not Provided; Unified Patents, LLC, Residence Not Provided; Jerry D. Burchfiel, Waltham, MA;						
** CONTINUING DATA ***** This application is a REX of 15/898,404 02/16/2018 PAT RE47720 which is a REI of 10/689,763 10/22/2003 PAT 7483711 which claims benefit of 60/420,930 10/24/2002						
** FOREIGN APPLICATIONS *****						
** IF REQUIRED, FOREIGN FILING LICENSE GRANTED **						
Foreign Priority claimed ☐ Yes ☒ No 35 USC 119(a-d) conditions met ☐ Yes ☒ No Verified and Acknowledged <u>/MATTHEW E HENECHAN/</u> Examiner's Signature		Met after Allowance ☐ Initials	STATE OR COUNTRY	SHEETS DRAWINGS	TOTAL CLAIMS 96	INDEPENDENT CLAIMS 5
ADDRESS						
Devlin Law Firm 1526 Gilpin Ave. Wilmington, DE 19806 UNITED STATES						
TITLE						
SPECTRUM-ADAPTIVE NETWORKING						
FILING FEE RECEIVED ~~0.00~~ 12600.00	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:			☐ All Fees ☐ 1.16 Fees (Filing) ☐ 1.17 Fees (Processing Ext. of time) ☐ 1.18 Fees (Issue) ☐ Other _____ ☐ Credit		

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application Number		90019702	
	Filing Date		2024-10-14	
	First Named Inventor	RE47720		
	Art Unit		3992	
	Examiner Name	Matthew E. Heneghan		
	Attorney Docket Number		USTAP030D.RE	

U.S. PATENTS							Remove
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Inventor of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	
	1	5596333	A	1997-01-21	Bruckert		
	2	6246376	B1	2001-06-12	Bork et al.		
	3	7245879	B2	2007-07-17	Sadri et al.		
	4	7266085	B2	2007-09-04	Stine		

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U.S. PATENT APPLICATION PUBLICATIONS							Remove
Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Inventor or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	
	1	20030152086	A1	2003-08-14	El Batt		

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Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ²	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵	

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

Application Number		90019702	
Filing Date		2024-10-14	
First Named Inventor	RE47720		
Art Unit	3992		
Examiner Name	Matthew E. Heneghan		
Attorney Docket Number	USTAP030D.RE		

	1							☐
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NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵
	1	Petition for Inter Partes Review of US Patent No. RE47,720 (IPR2025-00838), filed April 29, 2025 (91 pages)	☐
	2	~~Reference is a patent Exhibit 1001 - U.S. Patent No. RE47,720 to J. Burchfiel (42 pages)~~	☐
	3	Exhibit 1002 - Prosecution File History of U.S. Patent Application No. 15/898,404, issued as the '720 Patent (357 pages)	☐
	4	Exhibit 1003 - Declaration of James Lansford, Ph.D. under 37 C.F.R. § 1.68 (137 pages)	☐
	5	Exhibit 1004 - Curriculum Vitae of James Lansford, Ph.D. (9 pages)	☐
	6	~~Exhibit 1005 - U.S. Application Publication No. 2003/0043732 by J. Walton et al. (31 pages)~~	☐
		References are patent application publications	
	7	~~Exhibit 1006 - U.S. Application Publication No. 2002/0006467 to W. McFarland (45 pages)~~	☐
	8	Exhibit 1007 - IEEE Std 802.11a-1999, Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) specifications, High-speed Physical Layer in the 5 GHz Band, Sept. 1999 (90 pages)	☐

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application Number		90019702
	Filing Date		2024-10-14
	First Named Inventor	RE47720	
	Art Unit		3992
	Examiner Name	Matthew E. Heneghan	
	Attorney Docket Number		USTAP030D.RE

	~~9~~	~~Exhibit 1008 - U.S. Application Publication No. 2002/0102940 to R. Bohnke et al. (21 pages)~~	☐
	10	Exhibit 1009 - Prosecution File History of U.S. Patent Application No. 10/689,763, issued as U.S. Patent No. 7,483,711 (166 pages)	☐
	~~11~~	~~Exhibit 1010 - U.S. Patent No. 5,726,978 to C. Frodigh et al. (20 pages)~~	☐
	12	Exhibit 1011 - S. Catreux et al., "Adaptive Modulation and MIMO Coding for Broadband Wireless Data Networks," IEEE Communications Magazine, pp. 108-115, June 2002 (8 pages)	☐
	13	Exhibit 1012 - App. No. 90/019702, Ex Parte Reexamination of the '720 patent, Exhibit AA (88 pages)	☐
	~~14~~	~~Exhibit 1013 - U.S. Patent Publication No. 2003/0235147 to J. Walton et al. (28 pages)~~	☐
	~~15~~	~~Exhibit 1014 - U.S. Patent No. 7,046,746 to R. Kearney et al. (16 pages)~~	☐
	16	Exhibit 1015 - R. Van Nee and R. Prasad, OFDM for Wireless Multimedia Communications (2000), Chapters 1 and 2 (63 pages)	☐
	~~17~~	~~Exhibit 1016 - U.S. Patent No. 7,369,841 to C. Uhlir et al. (9 pages)~~	☐
	18	Exhibit 1017 - A. Seyedi and G. Saulnier, "A Distributed Algorithm for Dynamic Sub-Channel Assignment in a Multi-User OFDM Communication System," Proceedings of the 11th IEEE Signal Processing Workshop on Statistical Signal Processing, Aug. 8, 2001. (397 pages)	☐
	19	Exhibit 1018 - Merriam Webster Collegiate Dictionary Tenth Edition, Merriam-Webster Inc. (1993) (selected pages) (7 pages)	☐

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application Number		90019702	
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	First Named Inventor	RE47720		
	Art Unit		3992	
	Examiner Name	Matthew E. Heneghan		
	Attorney Docket Number		USTAP030D.RE	

	20	Exhibit 1019 - H. Newton, Newton's Telecom Dictionary, CMP Books (2000) (selected pages) (4 pages)	☐
	21	Exhibit 1020 - Declaration of Sylvia Hall-Ellis (250 pages)	☐
	22	Exhibit 1021 - Declaration of David Ringle (176 pages, in three files)	☐
	23	Exhibit 1022 - L. Peterson and B. Davie, Computer Networks: A Systems Approach, Morgan Kaufman Publishers, Inc. (1996) ("Peterson") (Chapter 7) (63 pages)	☐
	24	Exhibit 1024 - Lenovo Group Limited's Notice of Sotera Stipulations for U.S. Patent No. RE47,720, USTA Technology, LLC v. Lenovo Group Limited et al, 4-24-cv-00515, Dkt. 60, filed April 25, 2025 (3 pages)	☐
	25	~~Exhibit 1025 - U.S. Patent No. 6,556,553 to B. Palmer et al. (10 pages)~~	☐
	26	US Provisional Patent Application No. 60/493,937, filed August 8, 2003 (67 pages)	☐
	27	Ramanathan, "On the Performance of Ad Hoc Networks with Beamforming Antennas," ACM MobiHoc, Long Beach, CA, pp. 95-105, October 2001 (11 pages)	☐
	28	Young-Bae Ko et al. "Medium Access Control Protocols Using Directional Antennas in Ad Hoc Networks," Proceedings IEEE INFOCOM 2000. Conference on Computer Communications. Nineteenth Annual Joint Conference of the IEEE Computer and Communications Societies (Cat. No.00CH37064), Tel Aviv, Israel, 2000, pp. 13-21 vol.1, doi: 10.1109/INFOCOM.2000.832169 (9 pages)	☐

If you wish to add additional non-patent literature document citation information, please click the Add button Add

EXAMINER SIGNATURE			
Examiner Signature	/MATTHEW E HENEGHAN/		Date Considered
			06/11/2025
*EXAMINER: Initial if reference considered and whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

Application Number	90019702
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First Named Inventor	RE47720
Art Unit	3992
Examiner Name	Matthew E. Heneghan
Attorney Docket Number	USTAP030D.RE

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04.

² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3).

³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

⁵ Applicant is to place a check mark here if English language translation is attached.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application Number		90019702
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	First Named Inventor	RE47720	
	Art Unit		3992
	Examiner Name	Matthew E. Heneghan	
	Attorney Docket Number		USTAP030D.RE

TIMING STATEMENT			
Please see 37 CFR 1.97(e) to make the appropriate selection(s):			
☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).			
OR			
☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).			
☐ See attached timing statement under 37 CFR 1.97(e).			
☒ A timing statement under 37 CFR 1.97(e) is not submitted herewith.			
TIMING FEE			
☒ The fee set forth in 37 CFR 1.17(p) has been submitted herewith.			
COPIES			
☐ An identification of an earlier application pursuant to 37 CFR 1.98(d)(1) is attached.			
SIZE FEE ASSERTION			
Please see 37 CFR 1.17(v) and the IDS Auto-Load Instructions for completing this form to make the appropriate selection of an assertion under 37 CFR 1.98. For the information disclosure statement (IDS) submitted herewith, the applicant or patent owner certifies the following with respect to the cumulative number of applicant-provided or patent-owner provided items of information submitted to date including those in the accompanying IDS (select only one):			
☒ No IDS size fee is required under 37 CFR 1.17(v) at this time.			
☐ The IDS is accompanied by the IDS size fee under 37 CFR 1.17(v)(1).			
☐ The IDS is accompanied by the IDS size fee under 37 CFR 1.17(v)(2).			
☐ The IDS is accompanied by the IDS size fee under 37 CFR 1.17(v)(3).			
SIGNATURE			
A signature of the applicant or representative is required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature.			
Signature	/James M. Lennon/	Date (YYYY-MM-DD)	2025-06-02
Name/Print	James M. Lennon	Registration Number	56815

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

Application Number	90019702
Filing Date	2024-10-14
First Named Inventor	RE47720
Art Unit	3992
Examiner Name	Matthew E. Heneghan
Attorney Docket Number	USTAP030D.RE

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
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