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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
96/000,355	03/12/2021	8013568	0313071.00020	1538
24573	7590	08/24/2023	EXAMINER	
K&L Gates LLP-Chicago			DEB, ANJAN K	
P.O. Box 1135				
Chicago, IL 60690				
			ART UNIT	PAPER NUMBER
			3992	
			MAIL DATE	DELIVERY MODE
			08/24/2023	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.

Notice of Intent to Issue Ex Parte Reexamination Certificate	Control No. 96/000,355	Patent Under Reexamination 8013568	
	Examiner ANJAN K DEB	Art Unit 3992	AIA 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: 5/26/2023.
 - (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: ____.
 - (2) Patent claim(s) amended (including dependent on amended claim(s)): 1 and 3-24
 - (3) Patent claim(s) canceled: 2.
 - (4) Newly presented claim(s) patentable: 25-35,37-54,65-66,68 and 74-75.
 - (5) Newly presented canceled claims: 36,55-64,67 and 69-73.
 - (6) Patent claim(s) ☐ previously ☐ currently disclaimed: ____
 - (7) Patent claim(s) not subject to reexamination: ____.
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.

/ANJAN K DEB/ Primary Examiner, Art Unit 3992	
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cc: Requester (if third party requester)

NOTICE OF INTENT TO ISSUE REEXAMINATION CERTIFICATE

SUMMARY

This office action is responsive to Patent Owner's request filed 5/26/2023 to withdraw the Appeal Brief (filed 10/26/2022). In the Amendment/Remarks filed 5/26/2023 Patent Owner cancelled all of the rejected claims 55-64, and 69-73 and requests issuance of an *ex parte* reexamination certificate of claims¹ 1, 3-15, 16-35, 37-54, 65-66, 68, and 74-75.

STATUS OF CLAIMS

Claims 1, 3-35, 37-54, 65-66, 68, and 74-75 are patentable as per Examiner's Answers to Appeal Brief mailed 5/8/2023.

Claims 2, 36, 55-64, 67, and 69-73 are cancelled by Patent Owner.

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:

The prior art combination fails to disclose or fairly suggest,

Regarding independent claim 1, adjusting a power applied to the primary coil of the external contact-less charging device based on relative positions of the contact-less chargeable battery and the external contact-less charging device.

¹ Rejection of Claims 1, 3-35, 37-54, 65-66, 68, and 74-75 withdrawn by the Examiner in the Examiner's Answers mailed 5/8/2023.

Regarding independent claim 7, wherein the change of intensity of the magnetic field is based on relative positions of the contact-less charging circuit module and the external contact-less charging device.

Regarding independent claim 13, wherein the adjustment to the power of the high frequency AC current applied to the magnetic field generating unit is based on relative positions of the contact-less chargeable battery and the contact-less charging device.

Regarding independent claim 23, wherein the adjusting the power of the high frequency AC current applied to the primary coil is based on relative positions of the contact-less chargeable battery and the contact-less charging device.

Regarding independent claim 49, adjusting a power applied to the primary coil of the external contact-less charging device to solve an overvoltage state according to relative positions of the primary coil and the secondary coil.

Regarding independent claim 65, wherein the change of intensity of the magnetic field is based on relative positions of the contact-less charging circuit module and the external contact-less charging device.

Regarding independent claim 68, adjusting a power applied to the primary coil of the external contact-less charging device during the charging based on relative positions of the contact-less chargeable battery and the external contact-less charging device.

Regarding independent claim 74, wherein the adjustment to the power of the high frequency AC current applied to the magnetic field generating unit is based on relative positions of the contact-less chargeable battery and the contact-less charging device.

Regarding independent claim 75, adjusting a power applied to the primary coil of the external contact-less charging device based on relative positions of the contact-less charging circuit module and the external contact-less charging device.

Dependent claims 3-6, and 25-29 depending from claim 1 are patentable for the same reason as claim 1 and for their additional limitations.

Dependent claims 8-12, and 30-34 depending from claim 7 are patentable for the same reason as claim 7 and for their additional limitations.

Dependent claims 14-20, 35 and 37-39 depending from claim 13 are patentable for the same reason as claim 13 and for their additional limitations.

Dependent claims 24, and 45-48 depending from claim 23 are patentable for the same reason as claim 23 and for their additional limitations.

Dependent claims 50-54 depending from claim 49 are patentable for the same reason as claim 49 and for their additional limitations.

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.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to ANJAN K DEB whose telephone number is (571)272-2228. The examiner can normally be reached M-F 9:00AM-5:00 PM.

Examiner interviews are available via telephone, in-person, and video conferencing using a USPTO supplied web-based collaboration tool. To schedule an interview, Patent Owner is encouraged to use the USPTO Automated Interview Request (AIR) at <http://www.uspto.gov/interviewpractice>.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Hetul Patel can be reached on 571-272-4184. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of published or unpublished applications may be obtained from Patent Center. Unpublished application information in Patent Center is available to registered users. To file and manage patent submissions in Patent Center, visit: <https://patentcenter.uspto.gov>. Visit <https://www.uspto.gov/patents/apply/patent-center> for more information about Patent Center and <https://www.uspto.gov/patents/docx> for information about filing in DOCX format. For additional questions, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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