505304129 01/30/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5350909

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
HEE SUNG METAL LTD.	01/21/2019	

RECEIVING PARTY DATA

Name:	LT METAL CO., LTD.	
Street Address:	14, GAJAEUL-RO, SEO-GU	
City:	INCHEON	
State/Country:	KOREA, REPUBLIC OF	
Postal Code:	22828	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15959182

CORRESPONDENCE DATA

Fax Number: (617)542-2241

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: (617) 348-1859

Email: IPDocketingBOS@mintz.com

Correspondent Name: MINTZ LEVIN

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Address Line 4: BOSTON, MASSACHUSETTS 02111

ATTORNEY DOCKET NUMBER:	058294-627001US
NAME OF SUBMITTER:	PETER F. CORLESS
SIGNATURE:	/Peter F. Corless/
DATE SIGNED:	01/30/2019

Total Attachments: 2

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PATENT 505304129 REEL: 048190 FRAME: 0680

ASSIGNMENT

WHEREAS, Hee Sung Metal LTD., having a principal place of business at 14, Gajaeul-ro, Seo-gu, Incheon, REPUBLIC OF KOREA 22828 (hereinafter referred to as Assignor), is a partial owner, by assignment, of the Patent Application listed in Schedule A; and

WHEREAS, LT Metal Co., Ltd., having a principal place of business at 14, Gajaeul-ro, Seo-gu, Incheon, REPUBLIC OF KOREA 22828 (hereinafter referred to as Assignee), is desirous of acquiring the right, title and interest in, to and under said Patent Application and the invention covered thereby;

NOW, THEREFORE, in consideration for good and valuable consideration, receipt of which is hereby acknowledged, the said Assignor has sold, assigned, transferred and set over, and does hereby sell, assign, transfer and set over to the said Assignee, the entire right, title and interest for the United States of America and all other countries in and to said applications for all original, divisional, continuation, continuation-in-part, substitute or reissue applications and patents applied for or granted therefore in the United States of America and all other countries on the attached list of Schedule A, and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on Schedule A to said assignee herein, as assignee of the entire interest therein; and the undersigned for itself and its legal representatives, heirs and assigns does hereby agree and covenant without further remuneration, to execute and deliver all divisional, continuation, continuation-in-part, reissue and other applications for Letters Patent and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said invention listed on Schedule A whenever requested, to testify in any interferences or other legal proceedings in which said application or patent may become involved, to sign all lawful papers, make all rightful oaths, and do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said invention listed on Schedule A in the United States of America and all other countries, the expenses incident to said application listed on Schedule A to be borne and paid by said assignee.

058294-627001US

SCHEDULE A

Application Number	Filing Date	Inventor	Title	Ctry
15/959,182	Apr 21, 2018	Jin Woo et al. Kwak	THERMOELECTRIC MODULE AND METHOD FOR MANUFACTURING THE SAME	US

Date: 2/ JAN 20/9 Signature: 900 Ngton

Hee Sung Metal Ltd.

(Research Director: PARK, Goo Hyeon)

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PATENT REEL: 048190 FRAME: 0682