

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT4323569

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
CHUN CHOI	03/03/2017
SOON KOO SHIM	03/03/2017
YOUNG BIN CHONG	03/03/2017
NAM JIN CHOI	03/03/2017
WON GOOK LEE	03/03/2017
MIN GOO LEE	03/03/2017
KYUNG HOON JO	03/03/2017
RECEIVING PARTY DATA	
Name:	JAHWA ELECTRONICS CO., LTD.
Street Address:	1217, CHUNGCHEONG-DAERO, BUGI-MYEON, CHEONGWON-GU, CHEONGJU-SI,
City:	CHUNGCHEONGBUK-DO
State/Country:	KOREA, REPUBLIC OF
Postal Code:	363-922
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15461618
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	P84517HR02
NAME OF SUBMITTER:	JONG H PARK
SIGNATURE:	/JONG H PARK/

DATE SIGNED:	03/17/2017
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Total Attachments: 2
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ASSIGNMENT

AS A BELOW NAMED INVENTOR, I, and each of us, individually hereby declare that: IN CONSIDERATION of the sum of TEN (\$10.00) dollars or the equivalent thereof, and other good and valuable consideration, the receipt of which from the hereinafter named Assignee is hereby acknowledged, I do hereby sell, assign and forever grant and convey unto:

JAHWA electronics Co., Ltd.

having an address at 1217, Chungcheong-daero, Bugi-myeon, Cheongwon-gu, cheongju-si, Chungcheongbuk-do (zip-code 383-922), Republic of Korea

Who is my Assignee, and to the successors and assigns of my Assignee, all my right, title and interest, in and for the United States of America and all other countries, including all rights of priority, in and to the invention entitled:

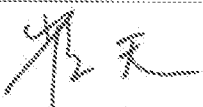
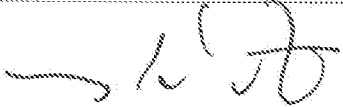
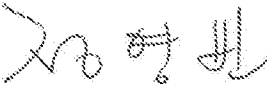
PRINTED CIRCUIT BOARD AND VIBRATION ACTUATOR INCLUDING THE SAME

invented by me and described in an application for a United States patent the specification of which is either attached hereto or otherwise accompanies this Assignment and in and to all United States patents which may be granted thereon and therefore, and in and to all certificates of corrections, divisions, continuations, continuations-in-part, reissued and re-examined patents, and to any extensions thereof, said interest being the entire ownership of the patent when granted, to be held and enjoyed by : **JAHWA electronics Co., Ltd.**, my Assignee, its successors, assigns or other legal representatives, to the full end of the term, terms, or any extension or renewal thereof, for which said patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment, sale and conveyance had not been made;

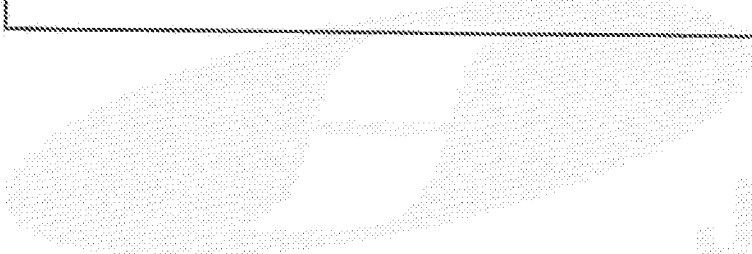
AND I hereby covenant and agree to sign and execute, without receiving any money or other consideration, any further documents or instruments which may from time-to-time be either necessary, lawful, proper or requested by the Assignee, in the prosecution of the above-named application or in the preparation and prosecution of all substitute applications, certificate of correction, division, continuation, continuation-in-part, reissue, re-examination, in any amendment, extension, or interference proceeding, whether administrative or judicial, or otherwise, to secure the title hereto in said Assignee, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreement or treaty to which the United States of America adheres.

I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said my Assignee.

IN WITNESS WHEREOF, I have set our hands and seals on the dates written beside my name:

Legal Name of First Inventor: CHOI, Chun	
Inventor's Signature: 	Date: 3. 3. 2019
Legal Name of Additional Inventor: SHIM, Soon Koo	
Inventor's Signature: 	Date: Mar. 3rd. 2019.
Legal Name of Additional Inventor: CHONG, Young Bin	
Inventor's Signature: 	Date: 3. 3. 2019.

Legal Name of Additional Inventor: CHOI, Nam Jin	
Inventor's Signature: 최 남 진	Date: 3. 3. 2017
Legal Name of Additional Inventor: LEE, Won Gook	
Inventor's Signature: 이 원 구	Date: 3. 3. 2017
Legal Name of Additional Inventor: LEE, Min Goo	
Inventor's Signature: 이 민 구	Date: Mar. 3rd. 2017.
Legal Name of Additional Inventor: JO, Kyung Hoon	
Inventor's Signature: 조 경 훈	Date: Mar. 3rd. 2017



JAHWA