PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YONG HO BAEK	12/05/2016
SANG KUN KIM	12/05/2016
YE JEONG KIM	12/05/2016
JAE EAN LEE	12/05/2016
JAE HOON CHOI	12/05/2016

RECEIVING PARTY DATA

Name:	SAMSUNG ELECTRO-MECHANICS CO., LTD.	
Street Address:	Street Address: MAEYOUNG-RO 150 (MAETAN-DONG), YOUNGTONG-GU	
City:	ity: SUWON-SI, GYEONGGI-DO	
State/Country:	KOREA, REPUBLIC OF	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15982839

CORRESPONDENCE DATA

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Correspondent Name: HOSANG LEE

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ATTORNEY DOCKET NUMBER: 097821-1255 HOSANG LEE NAME OF SUBMITTER: **SIGNATURE:** /Hosang Lee/ **DATE SIGNED:** 08/07/2018

Total Attachments: 3

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PATENT REEL: 046569 FRAME: 0328

EPAS ID: PAT5085780

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PATENT REEL: 046569 FRAME: 0329

COMBINED DECLARATION AND ASSIGNMENT FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

which application is:

I believe I am the original or an original joint inventor of a claimed invention in the application for which a patent is sought on the invention entitled:

ELECTRONIC COMPONENT PACKAGE AND METHOD OF MANUFACTURING THE SAME

\boxtimes	attached, or
	United States application number or PCT international application number filed
The	above-identified application was made or authorized to be made by me.
time auth asso	e event that the filing date and/or application number are not entered above at the I execute this document, and if such information is deemed necessary, I hereby orize and request the registered practitioners of McDermott Will & Emery LLP , ciated with the Customer Number 20277 , to insert above the filing date and/or ication number of the application.
	eby acknowledge that any willful false statement made in this declaration is shable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, oth.

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I hereby assign to

SAMSUNG ELECTRO-MECHANICS CO., LTD.

having an address at Maeyoung-ro 150 (Matan-dong) Youngtong-gu, Suwon-si, Gyeonggi-do, REPUBLIC OF KOREA

hereinafter designated as the Assignee), the entire (100%) right, title and interest for the United States as defined in 35 USC §100, in the invention described in the application identified in this document.

I hereby confirm any prior assignment to Assignee, and to the extent that I have not already done so, agree to assign, and hereby do, sell, assign and transfer unto Assignee and its successors in interest, the full and exclusive right, title and interest in the United States of America and throughout the world, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the inventions as described in the aforesaid application, to the aforesaid application itself, and all divisions, continuations, continuations-in-part, or other applications claiming priority directly or indirectly from the aforesaid application, and any United States or foreign Letters Patent, utility model, or other similar rights which may be granted thereon, including reissues, reexaminations and extensions thereof, and all copyright rights throughout the world in the aforesaid application and the subject matter disclosed therein, these rights, title and interest to be held and enjoyed by Assignee to the full end of the term for which the Letters Patent, utility model, or other similar rights, are granted and any extensions thereof as fully and entirely as the same would have been held by the undersigned had this assignment and sale not been made, and the right to sue for, and recover for past infringements of, or liabilities for, any of the rights relating to any of the applications, patents, utility models, or other similar rights, resulting therefrom, and the copyright rights;

I hereby covenant and agree to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent, utility model, or other similar rights, and for copyright, in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, and as to letters patent any reissue, re-examination, or extension thereof, and for litigation regarding, or for the purpose of protecting title and to the said invention, the United States application for patent, or Letters Patent therefor, and to testify in support thereof, for the benefit of Assignee without further or other compensation than that above set forth;

I hereby covenant that no assignment, sale, license, agreement or encumbrance has been or will be entered into which would conflict with this Assignment.

PATENT REEL: 046569 FRAME: 0331

Legal name of first inventor	
Yong Ho BAEK Pirst inventor's signature	Date
Tony Back	December 5, 2016

Legal name of SECOND inventor	
Sang Kun KIM Second inventor's signature	Date
Sungkun, Kim	December 5, 2016
Legal name of THIRD inventor Ye Jeong KIM	
Third inventor's signature	Date
Yo Jean KIM	December 5, 2016
Legal name of FOURTH inventor [ae Ean LEE	
Fourth inventor's signature	Date
Jae Fan, Lee	December 5, 2016
Legal name of FIFTH inventor ae Hoon CHO	
Fifth inventor's signature	Date:
Jaelloon Chi	December 5, 2016