

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2663286

SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>JU CHUL KIM</td> <td>12/03/2013</td> </tr> <tr> <td>KI MUN PAIK</td> <td>12/03/2013</td> </tr> </tbody> </table>		Name	Execution Date	JU CHUL KIM	12/03/2013	KI MUN PAIK	12/03/2013
Name	Execution Date						
JU CHUL KIM	12/03/2013						
KI MUN PAIK	12/03/2013						
RECEIVING PARTY DATA							
Name:	SAMSUNG ELECTRO-MECHANICS CO., LTD.						
Street Address:	314, MAETAN 3-DONG, YEONGTONG-GU, SUWON						
City:	GYUNGGI-DO						
State/Country:	KOREA, REPUBLIC OF						
Postal Code:	443-743						
PROPERTY NUMBERS Total: 1							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>14109898</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14109898		
Property Type	Number						
Application Number:	14109898						
CORRESPONDENCE DATA							
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NAME OF SUBMITTER:	YOUNG SEOK KOO						
Signature:	/Young Seok Koo L0792/						
Date:	12/30/2013						
Total Attachments: 2 source=628939-3_Assignment#page1.tif source=628939-3_Assignment#page2.tif							

OP \$40.00 14109898

ASSIGNMENT

WHEREAS, We(I), KIM, Ju Chul of Suwon, Gyeonggi-do, Republic of Korea, and PAIK, Ki Mun of Suwon, Gyeonggi-do, Republic of Korea, are(am) the inventor(s) of an invention entitled "CAMERA MODULE" that is the subject matter of: (check all that apply)

- an application for Letters Patent which is identifiable in the United States Patent and Trademark Office by Application No. 14/109,898 filed on December 17, 2013,
- an application made under the Patent Cooperation Treaty which is identifiable at WIPO by Application No. PCT/_____ filed on _____;
- an application for Letters Patent which is identifiable in the Patent Office of _____ by Application No. _____ filed on _____;

WHEREAS, SAMSUNG ELECTRO-MECHANICS CO., LTD., a corporation organized and existing under the laws of Korea, and having offices at 314, Maetan 3-dong, Yeonstong-gu, Suwon, Gyeonggi-do, Republic of Korea is desirous of acquiring the entire right, title and interest in and to the invention, the applications, and any and all Letters Patent or similar foreign or domestic legal protection

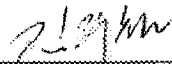
- in the United States
- in all other countries or jurisdictions;

"NOW THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, we transfer to Assignee, its successors and assigns, effective as of March 26, 2013, our entire right, title and interest in the above named countries and jurisdictions in and to the following including the right to sue for past infringement: the invention, the above-identified applications, all provisional applications from which any of the above-identified applications claim priority, corresponding domestic and foreign applications, any continuation, division, renewal, or substitute for the applications, all Letters Patent, any reissue, re-examination, or similar legal protection issuing related to the Letters Patent, and all rights and benefits under any applicable treaty or convention, and I/we authorize the Director of the United States Patent and Trademark Office or foreign equivalent to issue the Letters Patent or similar legal protection to the Assignee."

We authorize the Assignee, its successors and assigns, to insert in this instrument the filing date(s) and application numbers when ascertained. We further authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in the above named countries and jurisdictions and appoint Assignee the common representative in the above identified international application and any international application for the invention.

We represent to the Assignee, its successors and assigns, that we shall not execute any writing or do any act whatsoever conflicting with this Assignment. We, our executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute and deliver to Assignee or its legal representatives such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries and jurisdictions, including without limitation providing testimony in any related interference, litigation or proceeding. To the extent that we, our executors or administrators are unable or unavailable to execute and deliver to Assignee or its legal representatives such additional writings and do such additional acts as Assignee, its successors and assigns may deem desirable to perfect its enjoyment of this grant, and render all assistance in making

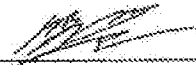
application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries and jurisdictions, we, our executors or administrators hereby authorize Assignee, its successors and assigns to act on our behalves.



(Signature)

KIM, Ju Chul
(Inventor / Assignor)

2013.12.3
Date



(Signature)

PAIK, Ki Mun
(Inventor / Assignor)

2013.12.3
Date