PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2990227

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KANG RYONG CHOI	07/28/2014
HYUNG JIN JEON	07/28/2014
JEONG GU YEO	07/28/2014
KANG HEON HUR	07/28/2014
SUNG YONG AN	07/28/2014
JUNG WOOK SEO	07/28/2014

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14463438

CORRESPONDENCE DATA

Fax Number: (323)934-0202

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: 323-934-2300

Email: LA Mail@la.ladas.com **Correspondent Name:** LADAS & PARRY

Address Line 1: 5670 WILSHIRE BOULEVARD, SUITE 2100 Address Line 4: LOS ANGELES, CALIFORNIA 90036-5679

ATTORNEY DOCKET NUMBER:	B-8501 629636-6
NAME OF SUBMITTER:	YOUNG SEOK KOO
SIGNATURE:	/Young Seok Koo L0792/
DATE SIGNED:	08/20/2014

Total Attachments: 3

source=629636-6_Assignment#page1.tif source=629636-6 Assignment#page2.tif

> **PATENT REEL: 033577 FRAME: 0123** 502943629

source=629636-6_Assignment#page3.tif

PATENT REEL: 033577 FRAME: 0124

ASSIGNMENT

WHEREAS, We(I), Kang Ryong CHOI of Suwon-Si, Gyeonggi-Do, Republic of Korea, Hyung Jin JEON of Suwon-Si, Gyeonggi-Do, Republic of Korea, Jeong Gu YEO of Suwon-Si, Gyeonggi-Do, Republic of Korea, Kang Heon HUR of Suwon-Si, Gyeonggi-Do, Republic of Korea, Sung Yong AN of Suwon-Si, Gyeonggi-Do, Republic of Korea, and Jung Wook SEO of Suwon-Si, Gyeonggi-Do, Republic of Korea, are(am) the inventor(s) of an invention entitled "CAMERA MODULE AND ELECTRONIC DEVICE INCLUDING THE SAME" 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. 14/463,438 filed on August 19, 2014,
[]	an application made under the Patent Cooperation Treaty which is identifiable at WIPO by Application No. PCT/ filed on,
[1	an application for Letters Patent which is identifiable in the Patent Office of by Application No filed on;
th G	e laws yeong	EAS, <u>SAMSUNG ELECTRO-MECHANICS CO., LTD</u> ., a corporation organized and existing under s of <u>Korea</u> , and having offices at <u>Maeyoung-Ro 150 (Maetan-Dong), Youngtong-Gu, Suwon-Si, <u>agi-Do, Republic of Korea</u> is desirous of acquiring the entire right, title and interest in and to the n, the applications, and any and all Letters Patent or similar foreign or domestic legal protection</u>
	(]	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 <u>August 20, 2013</u>, 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) Kang Ryong CHOI (Inventor / Assignor)
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	2014/11/28 Date
	JEON HYUNG-JZN (Signature)
	Hyung Jin JEON (Inventor / Assignor)  Lo 4-/ n /28  Date
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Jung ga. Yeo (Signature)
	Jeong Gu YEO (Inventor / Assignor) Zoi 4 7 Z

-2-

4/4/
(Signature)
Kang Heon HUR (Inventor / Assignor)
20/ℓ, 1, 2 ∮ Date
Signature) Yould An
Sung Yong AN (Inventor / Assignor)
2014. 7. 28 Date
 (Signature)
Jung Wook SEO (Inventor / Assignor)
<u> よのは、7、28</u> Date