PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HACK HO KIM	12/15/2014

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14409529

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SIGNATURE:	/Daniel Y.J. Kim/
DATE SIGNED:	12/19/2014

Total Attachments: 1

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PATENT 503108949 REEL: 034554 FRAME: 0188

Docket No.: NOB-0042

RECORDED: 12/19/2014

ASSIGNMENT

(1) Hack HO KIM (4)
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who have made a certain new and useful invention, hereby sell, assi	
LG Innotek Co	
Seoul Square, 416, Hangan	•
Seoul, 100-714 Repub	olic of Korea
its successors and assigns (hereinafter designated "ASSIGNEE") to America as defined in 35 U.S.C. 100 in the invention entitled	he entire right, title and interest for the United States
CAMERA MOD	ULE
(a) for which an application for United States Letters Patent was fi States Serial No; or	led on, and identified by United
(b) for which an application for United States Letters Patent was e	xecuted on December 15, 2014
and the undersigned hereby authorize and request the United States and and all United States Letters Patent which may be granted therextensions, divisions, reissues, substitutes, renewals, continuations priority thereto, and the right to all benefits under the International to the said ASSIGNEE, for its interest as ASSIGNEE, its success agree that the attorneys of record in said application shall hereafter	efor and/or that claim priority thereto and any and also, or continuations-in-part thereof and/or that claim Convention for the Protection of Industrial Propertions, assigns and legal representatives; the understance
AND the undersigned hereby agree to transfer a like interpolication for and obtaining original, divisional, reissued or extend the said ASSIGNEE, its successors, assigns and legal representate mprovements, and applications for patent based thereon, growing any papers by the said ASSIGNEE, its successors, assigns and legal protection and title in and to the invention hereby transferred.	ded Letters Patent of the United States, upon reques tives, and without further remuneration, in and to an out of or related to the said invention; and to execut
AND the undersigned hereby grants the firm of KED assignment any further identification that may be necessary or designation, including the United States Patent and Trademark Office	rable in order to comply with the rules of any issuing
SIGNED on the dates indicated aside our signatures:	
INVENTORS	DATE SIGNED
김하호	
1)	December 15, 2014

PATENT REEL: 034554 FRAME: 0189