

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SAMSUNG ELECTRO-MECHANICS CO., LTD.	12/23/2015
KOREA ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY	12/26/2015
RECEIVING PARTY DATA	
Name:	SAMSUNG ELECTRO-MECHANICS CO., LTD.
Street Address:	150, MAEYOUNG-RO (MAETAN-DONG), YOUNGTONG-GU, GYEONGGI-DO 16674
City:	SUWON-SI
State/Country:	KOREA, REPUBLIC OF
Name:	KOREA ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY
Street Address:	291 DAEHAK-RO, (373-1 GUSEONG-DONG), YUSEONG-GU
City:	DAEJEON
State/Country:	KOREA, REPUBLIC OF
Name:	SOLUM CO., LTD.
Street Address:	B3-4F, 150 MAEYEONG-RO (MAETAN-DONG), YEONGTONG-GU, GYEONGGI-DO 16674
City:	SUWON-SI
State/Country:	KOREA, REPUBLIC OF
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13915244
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NAME OF SUBMITTER:	CHARLES Y PARK
SIGNATURE:	/Charles Y Park/
DATE SIGNED:	04/21/2016
Total Attachments: 2 source=Assignment_SEMCOtoSOLUMSEMCOKAIST#page1.tif source=Assignment_SEMCOtoSOLUMSEMCOKAIST#page2.tif	

ASSIGNMENT

For valuable consideration,

SAMSUNG ELECTRO-MECHANICS CO., LTD., a Republic of Korea corporation having principal executive offices or place of business at 150, Maeyoung-ro (Maetan-dong), Yeongtong-gu, Suwon-si, Gyeonggi-do 16674, Republic of Korea (hereinafter called "the Assignor"), and **KOREA ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY**, a Republic of Korea organization having principal executive offices or place of business at 291 Daehak-ro (373-1 Guseong-dong), Yuseong-gu, Daejeon, Republic of Korea (hereinafter called "the Assignor") hereby assign to:

SAMSUNG ELECTRO-MECHANICS CO., LTD., a Republic of Korea corporation having principal executive offices or place of business at 150, Maeyoung-ro (Maetan-dong), Yeongtong-gu, Suwon-si, Gyeonggi-do 16674, Republic of Korea; **KOREA ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY**, a Republic of Korea organization having principal executive offices or place of business at 291 Daehak-ro (373-1 Guseong-dong), Yuseong-gu, Daejeon, Republic of Korea; and **SOLUM CO., LTD.**, a Republic of Korea corporation having principal executive offices or place of business at: B3-4F, 150 Maeyeong-ro (Maetan-dong), Yeongtong-gu, Suwon-si, Gyeonggi-do 16674, Republic of Korea; and

its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of U.S. Patent Applications:

Application No.	Filing Date	Title
14/615,413	02-05-2015	INDUCTANCE VARYING CIRCUIT AND POWER SUPPLY APPARATUS including THE SAME
13/333,100	12-21-2011	POWER SUPPLY UNIT SUPPLYING STANDBY POWER BY SHARING SWITCH OF MAIN CONVERTER
13/327,299	12-15-2011	POWER CONVERTER INTEGRATED WITH FLYBACK CONVERTER
13/483,724	05-30-2012	POWER SUPPLY APPARATUS
13/915,244	06-11-2013	POWER SUPPLY DEVICE HAVING IMPROVED POWER CONVERSION EFFICIENCY IN LIGHT LOAD CONDITIONS
13/840,033	03-15-2013	POWER MODULE VARYING BIAS POWER AND DISTRIBUTED POWER SUPPLY APPARATUS

13/683,736	11-21-2012	POWER MODULE AND DISTRIBUTED POWER SUPPLY APPARATUS HAVING THE SAME
14/308,951	06-19-2014	POWER SUPPLY APPARATUS

this Assignment includes said applications, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, any reissues, supplemental examinations, and reexaminations, and the right to claim priority based on the filing date of said applications under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and Assignor authorizes the Assignee to apply in all countries in Assignor's name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and Assignor agrees for itself and its heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, preliminary statements and other lawful documents as the Assignee may reasonably request to effectuate fully this Assignment.

IN TESTIMONY/WITNESS WHEREOF, undersigned Assignor intending to be legally bound, has hereto affixed its signature by its duly authorized representative.

This 3 day of December, 2015

W Kim
 Signature of Representative:
 (SAMSUNG ELECTRO-MECHANICS
 CO., LTD.)
Wang-Yol Kim
 Printed Name of Representative
Director
 Title

This 26 day of Dec., 2015

JY
 Signature of Representative:
 (KOREA ADVANCED INSTITUTE OF
 SCIENCE AND TECHNOLOGY)
Joenho Yoon
 Printed Name of Representative
Manager
 Title