

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
SEUNG-MIN KIM	10/12/2016
SOO-YEOL KIM	10/23/2016
DAE-YOUNG KIM	10/11/2016
JEONG-GIL LEE	10/13/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	LS MTRON LTD.
<b>Street Address:</b>	127, LS-RO, DONGAN-GU
<b>City:</b>	ANYANG-SI, GYEONGGI-DO
<b>State/Country:</b>	KOREA, REPUBLIC OF
<b>Postal Code:</b>	14119
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15315774
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<b>ATTORNEY DOCKET NUMBER:</b>	P11345US
<b>NAME OF SUBMITTER:</b>	TAEKSOO LEE
<b>SIGNATURE:</b>	/Taeksoo Lee/
<b>DATE SIGNED:</b>	12/02/2016
<b>Total Attachments: 2</b>	
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ASSIGNMENT

WHEREAS, KIM, Seung-Min, a citizen of Republic of Korea, whose post office address is 105-1902, 460, Yangsan-ro, Osan-si, Gyeonggi-do 18105, Republic of Korea, KIM, Soo-Yeol, a citizen of Republic of Korea, whose post office address is 201, 28, Susongtaekji 4-gil, Jeongeup-si, Jeollabuk-do 56177, Republic of Korea, KIM, Dae-Young, a citizen of Republic of Korea, whose post office address is 101-1205, 22, Sinsu-ro 783beon-gil, Suji-gu, Yongin-si, Gyeonggi-do 16826, Republic of Korea and LEE, Jeong-Gil, a citizen of Republic of Korea, whose post office address is Ga-101, 14, Daebangdong 23ga-gil, Dongjak-gu, Seoul 06945, Republic of Korea hereinafter referred to as the ASSIGNORS, have invented a certain improvement relating to

ELECTROLYTIC COPPER FOIL FOR LITHIUM SECONDARY BATTERY AND LITHIUM SECONDARY BATTERY COMPRISING THE SAME

for which they have executed an application for Letters Patent for the United States in the United States Patent and Trademark Office even date herewith.

If this Assignment is filed after the filing date of the above-identified application, the undersigned hereby authorize and request Tacksoo Lee, Reg. No. 61,976 of the LRK Patent Law Firm, whose address is 1952 Gallows Rd., Suite 200, Vienna, Virginia 22182, to insert here in parenthesis (Application No. \_\_\_\_\_, filed \_\_\_\_\_) the filing date and application number of said application when known.

AND WHEREAS, LS Mtron Ltd., a corporation organized and existing under the laws of Republic of Korea, whose post-office address is 127, LS-ro, Dongan-gu, Anyang-si, Gyeonggi-do 14119, Republic of Korea, hereinafter known as the ASSIGNEE, is desirous of acquiring the entire right, title and interest for the United States in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, and prolongations thereof.



NOW, THIS WITNESSETH that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt whereof is hereby acknowledged, said ASSIGNORS hereby assign, sell and transfer to said ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application, for the United States including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, said ASSIGNEE and its assigns and legal representatives to have, hold, exercise and enjoy the said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges, and advantages in any ways arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, and prolongations thereof, for the use and benefit of said ASSIGNEE and its assigns and legal representatives in as ample and beneficial a manner to all intents and

purposes as the said ASSIGNORS might or could have held and enjoyed the same, if this assignment had not been made.

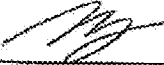
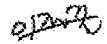
AND said ASSIGNORS hereby agree to execute all papers necessary to file applications in the United States for said invention and to assign the same to said ASSIGNEE, or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing Letters Patent thereon.

AND said ASSIGNORS authorize and request the Commissioner of Patents to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEE, its assigns and legal representatives, in accordance herewith.

IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNORS, on the respective dates indicated below.

	<u>2016. 10. 12</u>		<u>2016. 10. 23</u>
KIM, Seung-Min	Date	KIM, Soo-Yeol	

Date

	<u>2016. 10. 11</u>		<u>2016. 10. 13</u>
KIM, Dae-Young	Date	LEE, Jeong-Gil	

Date

Witnessed by: Sang-Yi Han

Han 2016. 10. 11.

Date