

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
Alex Khakhalev	08/17/2011
Lee Nelson Cole	08/17/2011
Eric Hicks	08/18/2011
<b>RECEIVING PARTY DATA</b>	
Name:	LG Chem, Ltd.
Street Address:	LG Twin Towers 20
Internal Address:	Yeouido-Dong, Yeongdeungpo-Gu
City:	Seoul
State/Country:	REPUBLIC OF KOREA
Postal Code:	150-721
<b>PROPERTY NUMBERS Total: 1</b>	
Property Type	Number
Application Number:	13213416
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Total Attachments: 4 source=6159880#page1.tif source=6159880#page2.tif source=6159880#page3.tif source=6159880#page4.tif	

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ASSIGNMENT

WHEREAS We, **Alex Khakhalev of 1120 Scripps Ranch Boulevard, Apt. #2, San Diego, CA 92131; Lee Nelson Cole of 207 Townsend Rd., Leonard, MI 48367; and Eric Hicks of 24231 Westhampton, Oak Park, MI 48237** (hereinafter referred to as "ASSIGNORS"); have invented certain new and useful improvements in:

**ULTRASONIC WELDING MACHINE AND METHOD OF ALIGNING AN  
ULTRASONIC WELDING HORN RELATIVE TO AN ANVIL**

for which we are about to file an application for Letters Patent of the United States;

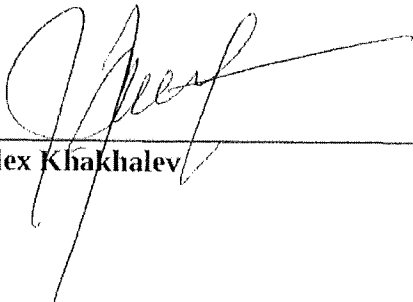
AND WHEREAS, **LG Chem, Ltd.** (hereinafter referred to as "ASSIGNEE"), a corporation organized and existing under the laws of the Country of Republic of Korea, having a place of business at **LG Twin Towers 20, Yeouido-Dong, Yeongdeungpo-Gu, Seoul, Republic of Korea 150-721**, is desirous of acquiring an interest in the United States and all foreign countries, in and to the said invention and Letters Patent to be obtained therefor;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that, for good and valuable consideration, the receipt of which is hereby acknowledged, I/We, the said ASSIGNORS have assigned and transferred, and hereby assign and transfer unto the said ASSIGNEE, the entire right, title and interest in and to said invention in the United States and in all foreign countries, including priority rights, as fully set forth and described in said application; and We do hereby authorize and request the Commissioner of Patents to issue said Letters Patent on said application, and any and all Letters Patent that may be issued upon any and all revivals, refilings, continuations, continuations-in-part, divisions and reissues thereof, to the said ASSIGNEE, an assignee of the entire right, title and interest in and to the same, for the sole use and behoof of ASSIGNEE, its successors and assigns; and We do hereby agree that the said ASSIGNEE, may apply for foreign Letters Patent on said invention and that We will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by the said ASSIGNEE, its successors or assigns, and that We will, at the cost and

cooperate in all matters in connection with the United States and foreign applications and patents issuing thereon.

The undersigned declare that all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: 8-17-2011

  
\_\_\_\_\_  
**Alex Khakhalev** L.S.

Date: \_\_\_\_\_

\_\_\_\_\_  
**Lee Nelson Cole** L.S.

Date: \_\_\_\_\_

\_\_\_\_\_  
**Eric Hicks** L.S.

expense of the said ASSIGNEE fully assist and cooperate in all matters in connection with the United States and foreign applications and patents issuing thereon.

The undersigned declare that all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: \_\_\_\_\_ L.S.

**Alex Khakhalev**

Date: 17 Aug 2011 \_\_\_\_\_ L.S.

**Lee Nelson Cole**

Date: \_\_\_\_\_ L.S.

**Eric Hicks**

