

PATENT ASSIGNMENT

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CONVEYING PARTY DATA	
Name	Execution Date
Dong Il Jin	10/18/2011
Rong Xun Han	10/18/2011
Hong Rye Kim	10/18/2011
RECEIVING PARTY DATA	
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13290894
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NAME OF SUBMITTER:	Joseph Hyosuk Kim
Total Attachments: 2 source=2011-11-07_20020-18USA_Assignment#page1.tif source=2011-11-07_20020-18USA_Assignment#page2.tif	

OP \$40.00 13290894

ASSIGNMENT

WHEREAS, We, JIN, Dong Il; HAN, Rong Xun; and KIM, Hong Rye, the undersigned inventors and the ASSIGNORS herein, have invented a **USE OF α 1G SUBUNIT OF T-TYPE CALCIUM CHANNEL AS DIAGNOSTIC MARKER FOR PREGNANCY IN CATTLE**, for which we have filed application for Letters Patent of the United States, having Serial No. 13/290,894, filing date 11/7/2011, which application has been executed by us and of which inventions and improvements we are the joint owners; and

WHEREAS, **The Industry & Academic Cooperation in Chungnam National University**(ASSIGNEE) is a corporation organized and existing under the laws of Republic of Korea, having a place of business at **Chungnam National University, 200 Goong-dong, Yuseong-gu, Daejeon 305-764, Republic of Korea**, ASSIGNEE desires to acquire the entire right, title and interest in and to the inventions, applications and letters patent to be granted and issued for the inventions and applications;

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) by the ASSIGNEE to each of us paid, and other valuable considerations, the receipt and legal sufficiency of all of which is hereby acknowledged, we, the said ASSIGNORS, have sold and do hereby sell, assign, transfer and set over unto said ASSIGNEE, its successors and assigns, the entire right, title and interest in and to said inventions and all improvements thereon, in and to said application for Letters Patent thereon, in and to applications pertaining to or based upon said inventions and applications, including divisional and continuing applications and continuations-in-part, and in and to any and all Letters Patent which may be granted and issued on said inventions and applications, or any of them, not only for, to and in the United States of America, its territories and possessions, but for, to and in all countries foreign thereto, together with and including all priority rights based upon any and all applications in the United States of America covered by this Assignment.

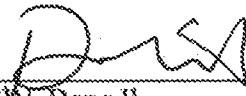
And for the above-named considerations, we do hereby agree that we will, at the request of said ASSIGNEE, execute any and all applications for Letters Patent for said inventions and any and all other papers and documents and do all other and further lawful acts that said ASSIGNEE may deem necessary or desirable to obtain Letters Patent on said inventions, to secure the grant of such Letters Patent and to perfect and vest in the ASSIGNEE the entire right, title and interest in the inventions, applications and Letters Patent.

And for the above-named considerations, we do hereby authorize and empower the ASSIGNEE, its successors and assigns, to apply for and obtain, in its or their own names, Letters Patent for the said inventions before competent International Authorities and in any and all countries foreign to the United States in which applications for Letters Patent can be so made or Letters Patent so obtained.

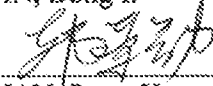
The undersigned hereby grants the law firm of JHK Law the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

BY ASSIGNOR


Dated: October 18, 2011

By: 
JIN, Dong Il

Dated: October 18, 2011

By: 
HAN, Rong Xun

Dated: October 18, 2011

By: 
KIM, Hong Rye