

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Max F. Rothschild</td><td>01/13/2005</td></tr><tr><td>Kwan-Suk Kim</td><td>02/25/2005</td></tr><tr><td>Nguyet Thu Nguyen</td><td>01/13/2005</td></tr></tbody></table>		Name	Execution Date	Max F. Rothschild	01/13/2005	Kwan-Suk Kim	02/25/2005	Nguyet Thu Nguyen	01/13/2005
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Max F. Rothschild	01/13/2005								
Kwan-Suk Kim	02/25/2005								
Nguyet Thu Nguyen	01/13/2005								
RECEIVING PARTY DATA									
Name:	Iowa State University Research Foundation, Inc.								
Street Address:	310 Lab of Mechanics								
Internal Address:	Office of Intellectual Property and Technology Transfer								
City:	Ames								
State/Country:	IOWA								
Postal Code:	50011-2131								
PROPERTY NUMBERS Total: 1									
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>10388703</td></tr></tbody></table>		Property Type	Number	Application Number:	10388703				
Property Type	Number								
Application Number:	10388703								
CORRESPONDENCE DATA									
Fax Number:	(515)288-1338								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	515-288-3667								
Email:	patatty@ipmvs.com								
Correspondent Name:	McKee, Voorhees & Sease, PLC								
Address Line 1:	801 Grand Avenue								
Address Line 2:	Suite 3200								
Address Line 4:	Des Moines, IOWA 50309-2721								
NAME OF SUBMITTER:	Heidi S. Nebel								
Total Attachments: 4									
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ASSIGNMENT

In consideration of One Dollar and other good and valuable considerations, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign to IOWA STATE UNIVERSITY RESEARCH FOUNDATION, INC., an Iowa corporation, having an address of Office of Intellectual Property and Technology Transfer, 310 Lab of Mechanics, Ames, Iowa 50011-2131, its successors and assigns the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, Serial No. 10/388,703 filed March 14, 2003, entitled NOVEL HMGA ALLELES AND USE OF THE SAME AS GENETIC MARKERS FOR GROWTH, FATNESS, MEAT QUALITY AND FEED EFFICIENCY TRAITS, and in said application and any and all other applications for United States Letters Patent, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent, applications, and in any reissue or extension thereof.

The undersigned hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said IOWA STATE UNIVERSITY RESEARCH FOUNDATION, INC.

For said considerations the undersigned hereby agree, upon the request, and at the expense of said assignee, its successors and assigns, to execute any and all divisional continuation and substitute applications for said invention or improvements, and any necessary oath or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, and for the said considerations the undersigned further agree upon the request of said assignee, its successors or assigns, in the event of any application or Letters Patent assigned herein becoming involved in interference, to cooperate to the best of the ability of the undersigned with said assignee, its successors or assigns in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, the undersigned hereby agreeing to perform, upon request, any and all affirmative acts to obtain said Letters Patent of the United States and vest all rights therein

hereby conveying in the said assignee, its successors and assigns whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made.

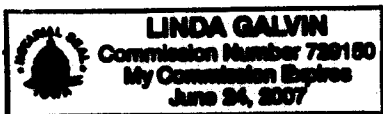
And for said considerations the undersigned hereby assign to said assignee, its successors and assigns, the entire right, title and interest in said invention or improvements for any and all foreign countries and agree upon the request of assignee, its successors and assigns to execute any and all documents that undersigned shall be requested to execute in connection with any and all applications for foreign Letters Patent therefor, including the prosecution thereof, and to execute any and all documents necessary to vest title in said foreign applications and patents in assignee.



MAX F. ROTHSCHILD

STATE OF IOWA)
) ss.
COUNTY OF STORY)

On this 13th day of January, 2005, before me, a Notary Public in and for the County and State aforesaid, appeared MAX F. ROTHSCHILD, to me personally known to be the person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act for the uses and purposes therein expressed.

Witness my hand and seal the day and year last above given.




Notary Public

Commission Expires June 24, 2007

STATE OF _____)
) ss.
COUNTY OF _____)

KWAN SUK KIM

On this _____ day of _____, 200__, before me, a Notary Public in and for the County and State aforesaid, appeared KWAN SUK KIM, to me personally known to be the person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act for the uses and purposes therein expressed.

Witness my hand and seal the day and year last above given.

Notary Public

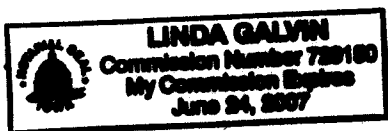
Commission Expires _____

STATE OF Iowa)
) ss.
COUNTY OF Story)

Nguyet Thu Nguyen
NGUYET THU NGUYEN

On this 13th day of January, 2005, before me, a Notary Public in and for the County and State aforesaid, appeared NGUYET THU NGUYEN, to me personally known to be the person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act for the uses and purposes therein expressed.

Witness my hand and seal the day and year last above given.



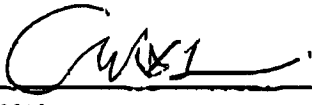

Linda Galvin
Notary Public

Commission Expires June 24, 2007


 KWAN SUK KIM

On this 25th day of February, 2005, before me appeared Kwan Suk Kim, to me personally known to be the person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act for the uses and purposes therein expressed.

Witness my hand.

 Xiang-Shun, Cui
 Witness
 Xinggu, Li.
 Witness

 NGUYET THU NGUYEN

STATE OF _____)
) ss.
 COUNTY OF _____)

On this _____ day of _____, 200__, before me, a Notary Public in and for the County and State aforesaid, appeared NGUYET THU NGUYEN, to me personally known to be the person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act for the uses and purposes therein expressed.

Witness my hand and seal the day and year last above given.

 Notary Public

Commission Expires _____