

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the the Patent Number listed incorrectly as 7709602 previously recorded on Reel 026267 Frame 0259. Assignor(s) hereby confirms the correct Patent Number is 7709206.
CONVEYING PARTY DATA	
Name	Execution Date
MetaMorphix, Inc.	03/28/2008
RECEIVING PARTY DATA	
Name:	Cargill, Incorporated
Street Address:	15407 McGinty Road West
City:	Wayzata
State/Country:	MINNESOTA
Postal Code:	55391
Name:	MetaMorphix, Inc.
Street Address:	8000 Virginia Mannor Road, Suite 140
City:	Beltsville
State/Country:	MARYLAND
Postal Code:	55391
PROPERTY NUMBERS Total: 1	
Property Type	Number
Patent Number:	7709206
CORRESPONDENCE DATA	
Fax Number:	(240)359-4879
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	912 292 0184
Email:	nweber@johnsonbiopatent.com
Correspondent Name:	Nichole M. Weber
Address Line 1:	317A East Liberty Street
Address Line 4:	Savannah, GEORGIA 31401

501538197

PATENT
REEL: 026318 FRAME: 0764

OP \$40.00 7709206

ATTORNEY DOCKET NUMBER:	CGSC-0104
NAME OF SUBMITTER:	Nichole M. Weber
<p>Total Attachments: 7</p> <p>source=137190638#page1.tif</p> <p>source=137190638#page2.tif</p> <p>source=137190638#page3.tif</p> <p>source=137190638#page4.tif</p> <p>source=137190638#page5.tif</p> <p>source=Assignment from MMFX to Cargil & MMFX#page1.tif</p> <p>source=Assignment from MMFX to Cargil & MMFX#page2.tif</p>	

TO: NICHOLE M. WEBER COMPANY: 317A EAST LIBERTY STREET



UNITED STATES PATENT AND TRADEMARK OFFICE

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To: Name: NICHOLE M. WEBER
 Company: 317A EAST LIBERTY STREET
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From: Name: ASSIGNMENT RECORDATION SERVICES
 Voice Phone: 571-272-3350

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Fax Notes:

Pg#	Description
1	Cover Page
2	Notice
4	Batch 2461908 Document 1

USPTO ASSIGNMENT SYSTEM PROCESSING

Date and time of transmission: Monday, May 16, 2011 12:44:36 PM
Number of pages including this cover sheet: 05

PATENT
REEL: 026318 FRAME: 0766

TO:NICHOLE M. WEBER COMPANY:317A EAST LIBERTY STREET

**UNITED STATES PATENT AND TRADEMARK OFFICE**UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

MAY 16, 2011

PTAS

NICHOLE M. WEBER
317A EAST LIBERTY STREET
SAVANNAH, GA 31401

501529047

UNITED STATES PATENT AND TRADEMARK OFFICE
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MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 05/12/2011

REEL/FRAME: 026267/0259

NUMBER OF PAGES: 4

BRIEF: NUNC PRO TUNC ASSIGNMENT (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: CGSC-0104 AND 0106

ASSIGNOR:

METAMORPHIX, INC.

DOC DATE: 03/28/2008

ASSIGNEE:

METAMORPHIX, INC.

8000 VIRGINIA MANNOR ROAD, SUITE

140

BELTSVILLE, MARYLAND 20705

ASSIGNEE:

CARGILL, INCORPORATED

15407 MCGINTY ROAD WEST

WAYZATA, MINNESOTA 55391

TO:NICHOLE M. WEBER COMPANY:317A EAST LIBERTY STREET

026267/0259 PAGE 2

APPLICATION NUMBER: 12719275 FILING DATE: 03/08/2010
PATENT NUMBER: ISSUE DATE:
TITLE: METHODS AND SYSTEMS FOR INFERRING BOVINE TRAITS

APPLICATION NUMBER: 10176754 FILING DATE: 06/20/2002
PATENT NUMBER: 7709602 ISSUE DATE: 05/04/2010
TITLE: PRO1078 POLYPEPTIDES

ASSIGNMENT SERVICES BRANCH
PUBLIC RECORDS DIVISION

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PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.105/12/2011
501529047

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	NUNC PRO TUNC ASSIGNMENT										
EFFECTIVE DATE:	10/27/2005										
CONVEYING PARTY DATA											
<table border="1"><tr><th>Name</th><th>Execution Date</th></tr><tr><td>MetaMorphix, Inc.</td><td>03/28/2008</td></tr></table>	Name	Execution Date	MetaMorphix, Inc.	03/28/2008							
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OP \$80.00 12719275

TO:NICHOLE M. WEBER COMPANY:317A EAST LIBERTY STREET

Address Line 4: Savannah, GEORGIA 31401	
ATTORNEY DOCKET NUMBER:	CGSC-0104 AND 0106
NAME OF SUBMITTER:	Nichole M. Weber
Total Attachments: 2 source=Assignment from MMFX to Cargil & MMFX#page1.tif source=Assignment from MMFX to Cargil & MMFX#page2.tif	

ASSIGNMENT NUNC PRO TUNC

WHEREAS, **METAMORPHIX, INC.**, a corporation of the State of Delaware having a principal place of business at 8000 Virginia Manor Road, Suite 140, Beltsville, MD 20705, is the owner of certain inventions and improvements disclosed in an application for Letters Patent entitled "**COMPOSITIONS, METHODS AND SYSTEMS FOR INFERRING BOVINE BREED**," filed in the United States Patent and Trademark Office on **December 31, 2003**, and assigned Serial No. **10/750,622**; and

WHEREAS, **METAMORPHIX, INC.**, a corporation of the State of Delaware having a principal place of business at 8000 Virginia Manor Road, Suite 140, Beltsville, MD 20705, and **CARGILL, INCORPORATED**, a corporation of the State of Delaware having a principal place of business at 15407 McGinty Road West, Wayzata, MN 55391-2399, are desirous of acquiring a joint undivided interest in the same.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, **METAMORPHIX, INC.**, by these presents does sell, assign, and transfer to **METAMORPHIX, INC. and CARGILL, INCORPORATED**, as co-assignees, their respective successors and assigns, each the full, exclusive, and joint right, title, and undivided interest in and to said application, in and to any divisions, continuations, reexaminations, and reissues thereof, and in and to all inventions and improvements disclosed and described in said application, preparatory to obtaining Letters Patent of the United States therefor; and hereby requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States resulting from said application, or from a division, continuation, reexamination, or reissue thereof, jointly to **METAMORPHIX, INC. and CARGILL, INCORPORATED**, as co-assignees, for their interest and for the sole use and benefit of **METAMORPHIX, INC. and CARGILL, INCORPORATED**, and their assigns and legal representatives;

For the same consideration, **METAMORPHIX, INC.**, by these presents, does sell, assign, and transfer to **METAMORPHIX, INC. and CARGILL, INCORPORATED**, the full, exclusive, and

joint right, title, and undivided interest in and to any foreign application or applications corresponding to said application, in whole or in part, in countries other than the United States, in and to any Letters Patent and similar protective rights granted on said foreign applications, and in and to the right to claim any applicable priority rights arising from or required for said foreign applications under the terms of any applicable conventions, treaties, statutes, or regulations; said foreign applications to be filed and issued in the name of **METAMORPHIX, INC. and CARGILL, INCORPORATED**, or their designees insofar as permitted by applicable law;

AND, for the same consideration, **METAMORPHIX, INC.** agrees to sign all lawful papers, execute all division, continuing, reexamination, reissue, and other applications, make all assignments and rightful oaths, and generally do everything possible to aid **METAMORPHIX, INC. and CARGILL, INCORPORATED**, their successors, assigns, and nominees, to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

This Assignment is expressly made **NUNC PRO TUNC** to have the same legal force and effect as if executed on **October 27, 2005** (the date of the Assignment from MMI Genomics, Inc. to MetaMorphix, Inc. and Cargill, Incorporated).

METAMORPHIX, INC.

Date: 2/28/09

By: [Signature]

Name: Linda Yarrow-Cook

Title: Chief Compliance Officer
VP Strategic Planning

Our Docket: MMI-0102 (14972.105004)