

PATENT ASSIGNMENT

Electronic Version v1.1  
Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Justin Thomas MASON	12/22/2010
Leslie James LETTOW	12/12/2010
Mark Alan EBY	12/22/2010
William H. EBY	12/22/2010
Gunter WELZ	12/22/2010
Steven VERHAEGHE	01/13/2011
Marc DE BEUCKELEER	01/13/2011
Veerle HABEX	01/17/2011
Jean-Marc FERRULO	01/14/2011

RECEIVING PARTY DATA

Name:	M.S. TECHNOLOGIES LLC
Street Address:	103 Avenue D
City:	West Point
State/Country:	IOWA
Postal Code:	52626

Name:	BAYER BIOSCIENCE N.V.
Street Address:	TECHNOLOGIEPARK 38
City:	GENT
State/Country:	BELGIUM
Postal Code:	BE-9052

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12953212

CORRESPONDENCE DATA

501464412

PATENT  
REEL: 025940 FRAME: 0790

CH \$40.00 12953212

Fax Number: (202)778-2201

*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*

Phone: 2024192055

Email: gpeacher@hunton.com

Correspondent Name: HUNTON & WILLIAMS LLP INTELLECTUAL PROPE

Address Line 1: 1900 K STREET, N.W.

Address Line 2: SUITE 1200

Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20006-1109

ATTORNEY DOCKET NUMBER:

58764.000143

NAME OF SUBMITTER:

Alexander H. Spiegler

Total Attachments: 11

source=assignment000143#page1.tif  
source=assignment000143#page2.tif  
source=assignment000143#page3.tif  
source=assignment000143#page4.tif  
source=assignment000143#page5.tif  
source=assignment000143#page6.tif  
source=assignment000143#page7.tif  
source=assignment000143#page8.tif  
source=assignment000143#page9.tif  
source=assignment000143#page10.tif  
source=assignment000143#page11.tif

## ASSIGNMENT

THIS ASSIGNMENT, by JUSTIN THOMAS MASON, residing at 2417 White Oak Lane, Granger, Iowa 50109, USA; LESLIE JAMES LETTOW, residing at 1682 250<sup>th</sup> Street, Guthrie Center, Iowa 50115, USA; MARK ALAN EBY, residing at 23374 Laredo Trail, Adel, Iowa 50003, USA; WILLIAM H. EBY, residing at 4763 Panorama Drive, Panora, Iowa 50216, USA; GÜNTER WELZ, residing at Vor den Gärten 8, DE-38302 Wolfenbüttel, Germany; STEVEN VERHAEGHE, residing at Harrelstraat 21, BE-9800 Grammene-Deinze, Belgium; MARC DE BEUCKELEER, residing at Hofakkerstraat 54, BE-9052 Zwijnaarde, Belgium; VEERLE HABEX, residing at Hoge Voetweg 12, BE-8560 Gullegem, Belgium; and JEAN-MARC FERRULO, residing at 8, rue des cerisiers, FR-59560 Comines, France (hereinafter referred to as "the Assignors"), respectively, witnessed:

WHEREAS, the Assignors have invented certain new and useful improvements in ELITE EVENT EE-GM3 AND METHODS AND KITS FOR IDENTIFYING SUCH EVENT IN BIOLOGICAL SAMPLES set forth in an application for Letters Patent of the United States,

- (1) ☐ which is a provisional application
- (a) ☐ bearing Application No. \_\_\_\_\_, and  
filed on \_\_\_\_\_;
- (b) ☐ to be filed herewith; or
- (2) ☒ which is a non-provisional application
- (a) ☒ bearing Application No. 12/953212, and filed on November 23, 2010;
- (b) ☐ having an oath or declaration executed on even date herewith prior  
to filing of application;
- (c) ☐ having an oath or declaration executed on a different date than this  
Assignment; and

WHEREAS, M.S. TECHNOLOGIES LLC, a corporation duly organized under and pursuant to the laws of THE UNITED STATES and having its principal place of business at 103 AVENUE D, WEST POINT, IOWA 52656, USA and BAYER BIOSCIENCE N.V., a corporation duly organized under and pursuant to the laws of BELGIUM and having its principal place of business at TECHNOLOGIEPARK 38, BE-9052 GENT, BELGIUM (hereinafter referred to as "the Assignees"), are each desirous of acquiring an equal, undivided interest in the entire right, title and interest in and to said inventions, the right to file applications on said inventions, and any applications for Letters Patent of the United States or other countries, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, effective as of November 23, 2010, the Assignors have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignees, their successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions, and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries disclosing or claiming said inventions or based on or claiming priority to said applications or

inventions, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications based on or claiming priority to said applications, including without limitation all non-provisionals, divisions, and continuations, of said applications, and reissues, reexaminations, and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed jointly by the Assignees, for their own use and behalf and the use and behalf of their respective successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made;

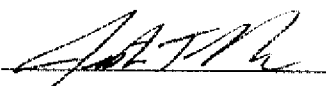
AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignees, their respective successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignees, their respective successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignees, or the counsel of their successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application based on or claiming priority to said application, including without limitation all non-provisionals, divisions, or continuations, of any applications for Letters Patent or Patents, or any reissue, reexamination, or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignees, their successors, legal representatives, and assigns, but at the cost and expense of the Assignees, their successors, legal representatives, and assigns;

AND the Assignors hereby authorize and request the attorneys of Hunton & Williams LLP whose address is 1900 K Street, N.W., Suite 1200, Washington, DC 20006-1109 to insert in the spaces provided above the filing date, application number, and attorney docket number of said application when known.

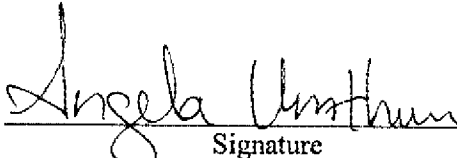
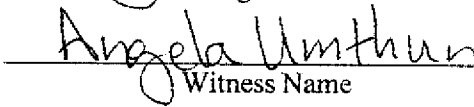
AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignees as the Assignees of said inventions, the Letters Patent to be issued for the use and behalf of the Assignees, their successors, legal representatives, and assigns.

**IN WITNESS WHEREOF, WE have hereunto set our hand and seal.**

Date 12/22/10 Signature of Assignor   
Justin Thomas MASON

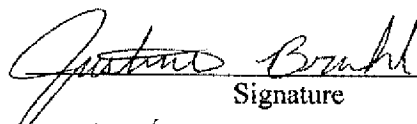
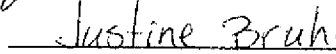
Witnessed by:

12.22.10  
Dated

  
Signature  
  
Witness Name

Witnessed by:

12-22-10  
Dated

  
Signature  
  
Witness Name

Date 12/22/10 Signature of Assignor Leslie James Lettow  
Leslie James LETTOW

Witnessed by:

12-22-10  
Dated

Justin Bruhl  
Signature  
Justine Bruhl  
Witness Name

Witnessed by:

12.23.10  
Dated

Angela Umthum  
Signature  
Angela Umthum  
Witness Name

Date 12-22-10 Signature of Assignor Mark EBY  
Mark Alan EBY

Witnessed by:

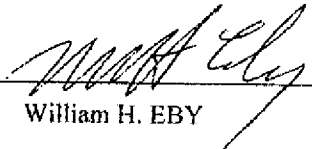
12.22.10  
Dated

Angela Umthum  
Signature  
Angela Umthum  
Witness Name

Witnessed by:

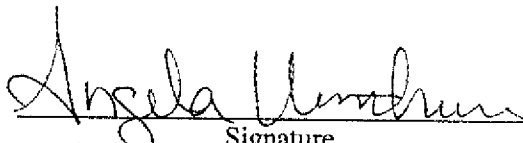
12.22.10  
Dated

Justine Bruhl  
Signature  
Justine Bruhl  
Witness Name

Date 12-22-10 Signature of Assignor   
William H. EBY

Witnessed by:

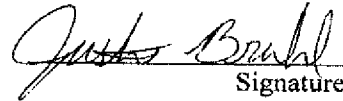
12.22.10  
Dated

  
Signature

Angela Umthum  
Witness Name

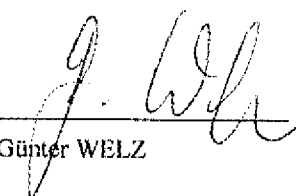
Witnessed by:

12-22-10  
Dated

  
Signature


Justine Bruhl  
Witness Name



Date 22 Dec 2010 Signature of Assignor   
Günter WELZ

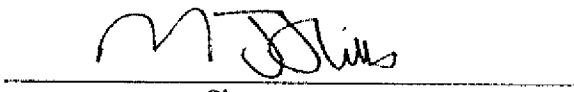
Witnessed by:

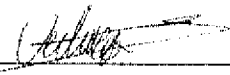
22.12.2010  
Dated

  
Signature  
Dr. Elmar Gatzweiler  
Witness Name


Witnessed by:

22/12/2010  
Dated

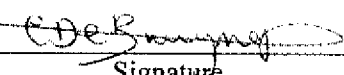
  
Signature  
MARTIN HILLS  
Witness Name


Date 13<sup>th</sup> January 2011 Signature of Assignor   
Steven VERHAEGHE

Witnessed by:

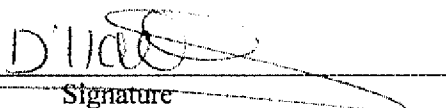
January 13, 2011  
Dated  
  
Signature  
Valeria D'HAESE  
Witness Name

Witnessed by:

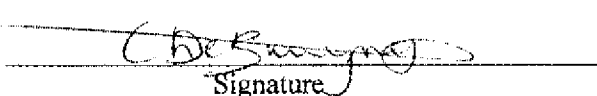
January 13, 2011  
Dated  
  
Signature  
Chantal De Baeyne  
Witness Name


Date 13th January 2011 Signature of Assignor   
Marc De BEUCKELEER

Witnessed by:

January 13, 2011  
Dated  
  
Signature  
Raliska D'HAESE  
Witness Name


Witnessed by:

January 13, 2011  
Dated  
  
Signature  
Chantal De Baeyne  
Witness Name

Date Jan 17<sup>th</sup>, 2011 Signature of Assignor   
Veerle HABEX

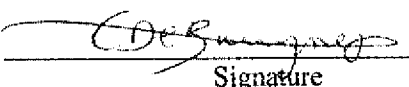
Witnessed by:

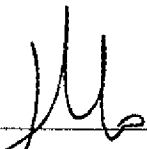
January 17, 2011  
Dated

  
Signature  
Karesta D'HAES  
Witness Name

Witnessed by:

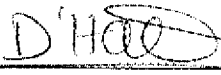
January 17, 2011  
Dated

  
Signature  
Chantal De Baugne  
Witness Name

Date 14<sup>th</sup> January 2011 Signature of Assignor   
Jean-Marc FERRULO

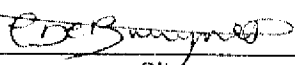
Witnessed by:

January 14, 2011  
Dated

  
Signature  
Valoska D'HAESE  
Witness Name

Witnessed by:

January 14, 2011  
Dated

  
Signature  
Chantal De Baugne  
Witness Name