

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT		
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT		
<b>CONVEYING PARTY DATA</b>			
<b>Name</b>			<b>Execution Date</b>
ARRYX, INC.			03/28/2013
<b>RECEIVING PARTY DATA</b>			
<b>Name:</b>	PREMIUM GENETICS (UK) LIMITED		
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<b>Postal Code:</b>	CW5 7JW		
<b>PROPERTY NUMBERS Total: 1</b>			
<b>Property Type</b>	<b>Number</b>		
<b>Patent Number:</b>	RE46992		
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<b>NAME OF SUBMITTER:</b>	JENNA T. MAZZONI		
<b>SIGNATURE:</b>	/Jenna T. Mazzoni/		
<b>DATE SIGNED:</b>	06/06/2019		
<b>Total Attachments: 5</b>			
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## PATENT ASSIGNMENT

This Patent Assignment is delivered pursuant to the Closing under that certain Intellectual Property Asset Sale and Purchase Agreement (the "Agreement") dated as of March 28, 2013, by and between Arryx, Inc., a Nevada corporation having its registered office at c/o The Corporation Trust Company of Nevada, 311 S. Division Street, Carson City, Nevada, United States of America (the "Seller"), and Premium Genetics (UK) Limited, a United Kingdom private limited company having its registered office at Alpha Building London Road, Stapeley, Nantwich, Cheshire, United Kingdom, CW5 7JW (the "Purchaser") and, solely with respect to Sections 5.2 and 7.15, Haemonetics Corporation, a Massachusetts corporation having its principal office at 400 Wood Road, Braintree, Massachusetts, United States of America, ("Parent"). Capitalized terms used in this Patent Assignment without definition have the respective meanings given to them in the Agreement.

The Seller has delivered this instrument signed by the Seller to enable the Purchaser to file it with any appropriate Governmental Authority to indicate ownership of Intellectual Property described below and for the other purposes set forth in this instrument. This instrument supplements and is in addition to all other rights of the Purchaser under the Agreement and other instruments of transfer delivered in connection with the Agreement.

NOW, THEREFORE, for good and valuable consideration, receipt of which the Seller acknowledges, and by signing and delivering this instrument, the Seller sells, assigns, transfers, conveys, and delivers to the Purchaser all of the Seller's right, title, and interest in and to:

- (a) the patents, patent applications and invention disclosures specifically listed in Annex A to this Patent Assignment; and
- (b) the following properties and rights with respect to all patents and patent applications so listed in Annex A:
  - (i) the inventions claimed or described in the patents or applications;
  - (ii) any patents in the United States and anywhere else in the world and patent applications that have been or may be granted or filed, respectively, with respect to those inventions, including without limitation all foreign patents that may claim priority based on and correspond to the patents listed in Annex A and all rights to file applications, including the right to claim priority under all applicable international treaties, arrangements and agreements (including without limitation the Paris Convention, the Patent Cooperation Treaty (PCT) and TRIPs) to the patents and/or applications listed in Annex A;
  - (iii) all divisions, renewals, reissues, continuations, extensions and continuations-in-part of the foregoing patents;
  - (iv) all income, royalties, damages and payments due or payable to the Seller with respect to the patents, including without limitation unpaid damages and payments for past, present and future infringements of any patent; and
  - (v) all rights to sue and recover damages and payments for past, present and future infringements of any of the patents, including the right to fully and entirely replace the Seller in all related matters.

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The foregoing rights in and under the patents shall apply to the full end of their terms as fully as the Seller would have held the same in the absence of this assignment. As of the date set forth below, the Purchaser has succeeded to all right, title and standing of the Seller to (a) receive all rights and benefits pertaining to the patents described above and (b) commence, prosecute, defend and settle all claims and take all actions that the Purchaser, in its sole discretion, may elect in relation to the patents and rights described above. This Patent Assignment (a) is irrevocable and effective upon the Seller's signature to and delivery of a manually signed copy of this instrument or facsimile or email transmission of the signature to this instrument in connection with the Closing, if and only if the Closing is completed, (b) benefits and binds the parties to the Agreement and their respective successors and assigns, (c) does not modify or affect, and is subject to, the provisions of the Agreement and (d) may be signed in counterparts as provided in Section 7.16 of the Agreement.

[Signature page follows.]

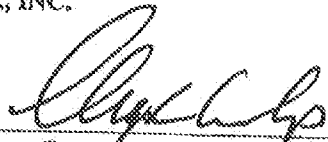
The undersigned has signed this Patent Assignment on March 28, 2013.

ARRYX, INC.

By:

Name:

Title:

  
CHRISTOPHER LINDOP  
President

STATE OF:  
COUNTY OF:

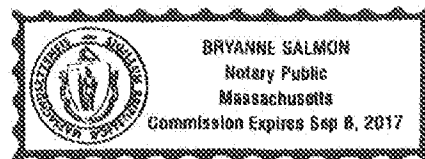
On March 28, 2013 before me, Bryanne Salmon (the undersigned notary), personally appeared Christopher Lindop personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

Witness my hand and official seal.

  
Notary Public

My commission expires: September 8, 2017

(Notary Seal)



[Signature page to the Patent Assignment]

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PATENT  
REEL: 049396 FRAME: 0957

### Appendix A to Assignment

Attorney Reference No.	Country	Application No.	Filing Date	Patent No.	Issue Date	Title
81527.0214	USA	12/379,063	02/11/2009			Methods for Staining Cells for Identification and Sorting
81527.0046	USA	10/630,904	07/31/2003	7,241,988	07/10/2007	System and Method for Cell Sorting Using Holographic Optical Trapping
81527.0174	USA	11/808,677	06/12/2007	7,482,577	01/27/2009	System and Method of Sorting Materials Using Holographic Laser Steering
81527.0052	USA	10/867,328	06/13/2004	7,150,834	12/19/2006	Multiple Laminar Flow-Based Rate Zonal or Isopycnic Separation With Holographic Optical Trapping of Blood Cells and Other Static Components
81527.0053	USA	10/934,597	09/03/2004	7,118,676	10/10/2006	Multiple Laminar Flow-Based Particle and Cellular Separation With Laser Steering
81527.0153	USA	11/543,773	10/06/2006	7,402,131	07/22/2008	Multiple Laminar Flow-Based Particle and Cellular Separation With Laser Steering
81527.0163	USA	11/594,094	11/08/2006	7,704,395	04/27/2010	Multiple Laminar Flow-Based Rate Zonal or Isopycnic Separation with Holographic Optical Trapping of Blood Cells And Other Static Components
81527.0203	USA	12/213,109	06/13/2008	7,699,767	04/20/2010	Multiple Laminar Flow-Based Particle and Cellular Separation with Laser Steering
81527.0216	USA	12/659,277	03/02/2010	8,158,927	04/17/2012	Multiple Laminar Flow-Based Particle and Cellular Separation with Laser Steering
81527.0256	USA	13/412,969	03/06/2012			Multiple Laminar Flow-Based Particle and Cellular Separation with Laser Steering

81527.0040	USA	11/046,896	02/01/2005	7,355,696	04/08/2008	Methods and Apparatus For Sorting Cell
81527.0188	USA	12/071,020	02/14/2008	7,545,491	06/09/2009	Method and Apparatus for Sorting Cells