

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4366287

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	ALAN E. WESSEL	02/22/2006
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	ARCTURUS BIOSCIENCE, INC.	
<b>Street Address:</b>	400 LOGUE AVENUE	
<b>City:</b>	MOUNTAIN VIEW	
<b>State/Country:</b>	CALIFORNIA	
<b>Postal Code:</b>	94043	
<b>PROPERTY NUMBERS Total: 1</b>		
<b>Property Type</b>	<b>Number</b>	
<b>Application Number:</b>	15434200	
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>		
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>		
<b>Email:</b>	lsgdocketing@thermofisher.com	
<b>Correspondent Name:</b>	CHRISTIAN D'AVIGNON-AUBUT	
<b>Address Line 1:</b>	5823 NEWTON DRIVE	
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<b>Address Line 4:</b>	CARLSBAD, CALIFORNIA 92008	
<b>ATTORNEY DOCKET NUMBER:</b>	LT00239.8DIV2	
<b>NAME OF SUBMITTER:</b>	ELIZABETH MORGAN	
<b>SIGNATURE:</b>	/Elizabeth Morgan/	
<b>DATE SIGNED:</b>	04/13/2017	
<b>Total Attachments: 2</b>		
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ASSIGNMENT  
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NOV 03 2006

THIS ASSIGNMENT, by Thomas M. BAER, Michael G. YOUNGQUIST, Brian W. DONOVAN, Alan E. WESSEL, Norbert H. LECLERC, Michael A. SMITH, George M. DAWSON, Craig S. BARKER, (hereinafter referred to as the assignors), residing at 537 Drucilla Drive, Mountain View, California 94040; 452 Marion Avenue, Palo Alto, California, 94301; 1401 Glacier Drive, San Jose, California 95118; ~~1288 Loyola Drive, Santa Clara, California, 95051~~; 1360 Montecito Avenue, #R, Mountain View, California 95043; 2880 Rustic Drive, San Jose, California, 95124; 15400 Winchester Blvd. #14, Los Gatos, California 95030; 410 De Anza Avenue, San Carlos, California 94070; respectively, witnesseth:

1509 MONTALTO DR  
MOUNTAIN VIEW CA 94040

WHEREAS, said assignors have invented certain new and useful improvements in AUTOMATED MICRODISSECTION INSTRUMENT, set forth in an application for Letters Patent of the United States, bearing Serial No. 11/236,045 and filed on September 26, 2005; and

WHEREAS, Arcturus Bioscience, Inc., a corporation duly organized under and pursuant to the laws of California and having its principal place of business at 400 Logue Avenue, Mountain View, California 94043 (hereinafter referred to as the assignee) is desirous of acquiring the entire right, title and interest in and to said inventions and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW, THEREFORE, for good and valuable consideration, the receipt, sufficiency and adequacy of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto said assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations and continuations-in-part of said application, or reissues or 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 by said assignee, for its own use and the use of its 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, said assignors hereby covenant and agree to and with said assignee its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignors are the sole and lawful owners of the entire right, title and interest in and to said inventions and the application for Letters Patent above-mentioned, and that the same are unencumbered and that said 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, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, 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 for said inventions, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

AND said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said inventions and the Letters Patent to be issued thereon for the sole use of said assignee, its successors, legal representatives and assigns.

(Assignor) \_\_\_\_\_ Date: \_\_\_\_\_  
Name: **Thomas M. BAER**

(Assignor) \_\_\_\_\_ Date: \_\_\_\_\_  
Name: **Michael G. YOUNGQUIST**

(Assignor) \_\_\_\_\_ Date: \_\_\_\_\_  
Name: **Brian W. DONOVAN**

(Assignor) Alan E. Wessel Date: 2/22/06  
Name: **Alan E. WESSEL**

(Assignor) \_\_\_\_\_ Date: \_\_\_\_\_  
Name: **Norbert H. LECLERC**

(Assignor) \_\_\_\_\_ Date: \_\_\_\_\_  
Name: **Michael A. SMITH**

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Name: **George M. DAWSON**

(Assignor) \_\_\_\_\_ Date: \_\_\_\_\_  
Name: **Craig S. BARKER**