

## 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>
	FUJIREBIO, INC.	11/04/2014
<b>RECEIVING PARTY DATA</b>		
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<b>PROPERTY NUMBERS Total: 1</b>		
<b>Property Type</b>	<b>Number</b>	
<b>Patent Number:</b>	8502972	
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<b>ATTORNEY DOCKET NUMBER:</b>	Q119527	
<b>NAME OF SUBMITTER:</b>	SANDRA L. SWANN	
<b>SIGNATURE:</b>	/Sandra L. Swann/	
<b>DATE SIGNED:</b>	11/05/2014	
<b>Total Attachments: 1</b>		
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## Assignment

Whereas, FUJIREBIO, INC. of 2-1-1 Nishishinjuku Shinjuku-ku, TOKYO, JAPAN 163-0410, hereinafter called "Assignor", is the owner of one hundred percent (100%) of the right, title and interest in U.S. Patent 8,502,972, issued on August 6, 2013 and the invention disclosed therein entitled CLUSTERS OF MICRORESONATORS FOR CAVITY MODE OPTICAL SENSING (the '972 Patent), on the basis of assignment from the named inventors on February 4, 2010 and September 16, 2010 (recorded at Reel 025100 at Frame 0323 on October 6, 2010); and

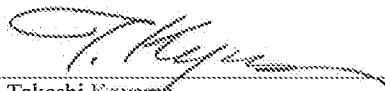
Whereas I, Michael HIMMELHAUS of Gottschalkstr. 19, 13359 Berlin, Germany, ("Assignee"), desire to acquire the entire right, title, and interest in the '972 Patent and invention disclosed therein;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

We, the above named Assignor, hereby sell, assign and transfer to the above named Assignee, his successors and assigns, the entire right, title and interest in the '972 Patent and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including the right to claim priority under 35 U.S.C. §119 and the right to sue for past damages, and we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the Assignee, his successors and assigns; and we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

Date:

Nov. 4, 2014



Name: Takeshi Koyama

Title: President & CEO

Fujirebio, Inc.

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)