

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT																				
NATURE OF CONVEYANCE:	ASSIGNMENT																				
CONVEYING PARTY DATA																					
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Atsushi WATANABE</td> <td>05/15/2013</td> </tr> <tr> <td>Shigeki MATSUBARA</td> <td>05/15/2013</td> </tr> <tr> <td>Kazuhiro SHIMADA</td> <td>05/15/2013</td> </tr> <tr> <td>Kenji TESHIGAWARA</td> <td>05/23/2013</td> </tr> <tr> <td>Osamu MATSUMOTO</td> <td>05/15/2013</td> </tr> <tr> <td>Sylvia ROSENBLATT</td> <td>06/04/2013</td> </tr> <tr> <td>Peter WOLF</td> <td>05/17/2013</td> </tr> <tr> <td>Fridl LANG</td> <td>05/17/2013</td> </tr> <tr> <td>Roland IHRIG</td> <td>06/06/2013</td> </tr> </tbody> </table>		Name	Execution Date	Atsushi WATANABE	05/15/2013	Shigeki MATSUBARA	05/15/2013	Kazuhiro SHIMADA	05/15/2013	Kenji TESHIGAWARA	05/23/2013	Osamu MATSUMOTO	05/15/2013	Sylvia ROSENBLATT	06/04/2013	Peter WOLF	05/17/2013	Fridl LANG	05/17/2013	Roland IHRIG	06/06/2013
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Fridl LANG	05/17/2013																				
Roland IHRIG	06/06/2013																				
RECEIVING PARTY DATA																					
Name:	HITACHI HIGH-TECHNOLOGIES CORPORATION																				
Street Address:	24-14, Nishi Shimbashi 1-chome,																				
City:	Minato-ku, Tokyo																				
State/Country:	JAPAN																				
Name:	Roche Diagnostics Operations Inc.																				
Street Address:	9115 Hague Road																				
City:	Indianapolis																				
State/Country:	INDIANA																				
Postal Code:	46250																				
PROPERTY NUMBERS Total: 1																					
Property Type	Number																				
Application Number:	13988767																				
CORRESPONDENCE DATA																					
Fax Number:	7036841157																				

CH \$40.00 13988767

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

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ATTORNEY DOCKET NUMBER:	KAS-8818
NAME OF SUBMITTER:	Shrinath Malur
Signature:	/Shrinath Malur/
Date:	07/11/2013

Total Attachments: 3
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ASSIGNMENT

(譲 渡 証)

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me citizen of Japan by HITACHI HIGH-TECHNOLOGIES CORPORATION, a corporation organized under the laws of Japan, located at 24-14, Nishi Shimbashi 1-chome, Minato-ku Tokyo 105-8717 Japan and citizen of Germany by Roche Diagnostics Operations Inc., a corporation organized under the laws of United States of America located at 9115 Hague Road, Indianapolis, Indiana 46250 U.S.A. receipt of which is hereby acknowledged I do hereby sell and assign to said HITACHI HIGH-TECHNOLOGIES CORPORATION and Roche Diagnostics Operations Inc., their successors and assigns, all my right, title and interest, in and for the United States of America, in and to

AUTOMATIC ANALYZER

invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said HITACHI HIGH-TECHNOLOGIES CORPORATION and Roche Diagnostics Operations Inc., their successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said HITACHI HIGH-TECHNOLOGIES CORPORATION and Roche Diagnostics Operations Inc.,

Signed on the date(s) indicated aside our signatures:

INVENTOR(S) (発明者フルネームサイン)	Date Signed (署名日)
1) <u>Atsushi Watanabe</u> Atsushi WATANABE	<u>May 15, 2013</u>
2) <u>Shigeki Matsubara</u> Shigeki MATSUBARA	<u>May 15, 2013</u>
3) <u>Kazuhiro Shimada</u> Kazuhiro SHIMADA	<u>May 15, 2013</u>
4) _____ Kenji TESHIGAWARA	_____
5) <u>Osamu Matsumoto</u> Osamu MATSUMOTO	<u>May 15, 2013</u>
6) _____ Sylvia ROSENBLATT	_____
7) _____ Peter WOLF	_____
8) _____ Fridl LANG	_____
9) _____ Roland IHRIG	_____

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1) _____ Atsushi WATANABE	_____
2) _____ Shigeki MATSUBARA	_____
3) _____ Kazuhiro SHIMADA	_____
4) <u>Emiko Suzuki</u> Kenji TESHIGAWARA (Emiko SUZUKI) (legal representative of deceased inventor)	5/23/2013
5) _____ Osamu MATSUMOTO	_____
6) _____ Sylvia ROSENBLATT	_____
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5) _____ Osamu MATSUMOTO	_____
6) _____ <i>Sylvia Rosenblatt</i> Sylvia ROSENBLATT	04-Jun-2013
7) _____ <i>Peter Wolf</i> Peter WOLF	17-May-2013
8) _____ <i>Fridl Lang</i> Fridl LANG	17-May-2013
9) _____ <i>Roland Ihrig</i> Roland IHRIG	06-June-2013

PATENT