

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Mitsuharu Hirai	01/12/2011
Toshiya Hosomi	01/12/2011
Aki Iguchi	01/12/2011

RECEIVING PARTY DATA

Name:	ARKRAY, Inc.
Street Address:	57, Nishiaketa-cho, Higashikujo,
Internal Address:	Minami-ku, Kyoto-shi
City:	Kyoto
State/Country:	JAPAN
Postal Code:	601-8045

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13002194

CORRESPONDENCE DATA

Fax Number: (202)739-3001
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
 Phone: 202-739-5915
 Email: glowen@morganlewis.com
 Correspondent Name: Morgan, Lewis & Bockius, LLP
 Address Line 1: 1111 Pennsylvania Avenue, N.W.
 Address Line 4: Washington, DISTRICT OF COLUMBIA 20004

ATTORNEY DOCKET NUMBER:	068022-5043
NAME OF SUBMITTER:	Gregory T. Lowen

Total Attachments: 2
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PATENT
REEL: 025730 FRAME: 0490

CH \$40.00 13002194

ASSIGNMENT

WHEREAS I/WE, the below named inventors, (hereinafter referred to as Assignees), have made an invention entitled:
METHOD FOR AMPLIFYING TARGET NUCLEIC ACID SEQUENCE, METHOD FOR DETECTING MUTATION USING THE SAME, AND REAGENT USED FOR THE SAME

for which I/WE

- executed an application for United States Letters Patent concurrently herewith;
- filed an application for United States Letters Patent on _____ (Application No. _____); or
- filed a National Stage Application under 35 U.S.C. § 371 of PCT International Application No. PC1/JP2009A162143, which was filed on July 2, 2009; and

WHEREAS, ARKRAY, Inc., whose post office address is 57, Nishiaketa-cho, Higashi-ku, Kyoto-shi, Kyoto 601-8045, Japan (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the applications for and United States Letters Patent to be issued on this invention and the applications for and Letters Patent to be issued on this invention from any other country;

NOW THEREFORE, be it known that, for and in consideration of the sum of at least One Dollar (\$1.00) in hand paid and other good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/WE, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and the listed applications, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all renewals thereof, and all rights to claim priority on the basis of such applications, and all applications for Letters Patent which have been or may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and renewals thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY covenant that I/WE have the full right to convey the interest assigned by this Assignment, and I/WE have not executed and will not execute any agreement in conflict with this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

AND, I HEREBY authorize and request the attorneys I have empowered in the Declaration and Power of Attorney in this application, to insert here in parenthesis (Application No. _____, filed _____) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, I have hereunto set our hand.

County of _____	<u>Mitsuharu HIRAI</u> Full Name of First Assignor
State of _____	
Subscribed and sworn to before me this ___ day of _____, 2010,	SS. <u>c/o ARKRAY, Inc., 57, Nishiaketa-cho, Higashi-ku, Minami-ku, Kyoto-shi, Kyoto 601-8045, Japan</u> Address
_____ Notary Public	<u>Mitsuharu HIRAI</u> First Assignor's Signature
	<u>January 12, 2011</u> Date
Names of additional inventors attached: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

County of _____	<u>Toshiya HOSOMI</u> Full Name of Second Assignor
State of _____	SS. <u>s/o ARKRAY, Inc., 57, Nishiketsu-cho, Minshikuso,</u> <u>Miyama-ku, Kyoto-shi, Kyoto 601-8045, Japan</u> Address
Subscribed and sworn to before me this ___ day of _____, 2010.	<u>Toshiya HOSOMI</u> Second Assignor's Signature
_____ Notary Public	<u>January 12, 2011</u> Date
Names of additional inventors attached:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

County of _____	<u>AKI IGUCHI</u> Full Name of Third Assignor
State of _____	SS. <u>s/o ARKRAY, Inc., 57, Nishiketsu-cho, Minshikuso,</u> <u>Miyama-ku, Kyoto-shi, Kyoto 601-8045, Japan</u> Address
Subscribed and sworn to before me this ___ day of _____, 2010.	<u>AKI IGUCHI</u> Third Assignor's Signature
_____ Notary Public	<u>January 12, 2011</u> Date
Names of additional inventors attached:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No