

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>Kazuo SHIKAMA</td> <td>01/17/2013</td> </tr> <tr> <td>Takuya MACHIDA</td> <td>01/17/2013</td> </tr> <tr> <td>Haruhiko MANDAI</td> <td>01/17/2013</td> </tr> <tr> <td>Hiroyuki WATANABE</td> <td>01/17/2013</td> </tr> </tbody> </table>		Name	Execution Date	Kazuo SHIKAMA	01/17/2013	Takuya MACHIDA	01/17/2013	Haruhiko MANDAI	01/17/2013	Hiroyuki WATANABE	01/17/2013
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<table border="1"> <tr> <td>Name:</td> <td>NIDEC COPAL CORPORATION</td> </tr> <tr> <td>Street Address:</td> <td>18-10, Shimura 2-chome, Itabashi-ku</td> </tr> <tr> <td>City:</td> <td>Tokyo</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>174-8550</td> </tr> </table>		Name:	NIDEC COPAL CORPORATION	Street Address:	18-10, Shimura 2-chome, Itabashi-ku	City:	Tokyo	State/Country:	JAPAN	Postal Code:	174-8550
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CORRESPONDENCE DATA											
<p>Fax Number: 2127045902</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 212-704-6000</p> <p>Email: angelina.stantini@troutmansanders.com</p> <p>Correspondent Name: Hiroyuki Yasuda</p> <p>Address Line 1: TROUTMAN SANDERS LLP</p> <p>Address Line 2: 405 Lexington Avenue, Chrysler Building</p> <p>Address Line 4: New York, NEW YORK 10174-0700</p>											
ATTORNEY DOCKET NUMBER:	243045.000002										
NAME OF SUBMITTER:	Katherine Harihar										
<p>Total Attachments: 3</p> <p>source=243045-2Assignment#page1.tif</p> <p>source=243045-2Assignment#page2.tif</p> <p>source=243045-2Assignment#page3.tif</p>											

CH \$40.00 13726982

ASSIGNMENT

WHEREAS, I/We,

Kazuo SHIKAMA, Takuya MACHIDA, Haruhiko MANDAI and
Hirovuki WATANABE

(collectively referred to as "ASSIGNOR"), have invented certain improvements in:

OPTICAL IMAGE STABILIZER AND LENS DRIVING APPARATUS

☒ for which a U.S. Non-Provisional Patent Application was filed December 26, 2012,
and provided Serial No. 13/726,982;

OR

☐ which is filed concurrently herewith;

and for which future applications may be filed, (collectively referred to as the
"Application"),

whereas the above-identified Application was made or authorized to be made by me/us,
and I/we believe that I/we am/are the original inventor(s) or original joint inventor(s) of a claimed
invention in the Application, and

whereas

NIDEC COPAL CORPORATION
18-10, Shimura 2-chome, Itabashi-ku
Tokyo 174-8550 Japan

("ASSIGNEE") desires to purchase all of ASSIGNOR's rights in same;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good
and valuable considerations paid by the said ASSIGNEE, the receipt and sufficiency of which are
hereby acknowledged, ASSIGNOR has and by these presents does hereby sell, assign, transfer and
convey unto said ASSIGNEE all of ASSIGNOR's rights, title, and interest in and to said
Application, including in and to any conventional, division, continuation, continuation-in-part,
substitution, reissue, renewal, reexam, continued prosecution application ("CPA"), or request for
continued examination ("RCE") thereof, and in and to all inventions and improvements thereon,
(herein collectively referred to as "Related US Applications"), preparatory to obtaining Letters
Patent of the United States therefore; and ASSIGNOR hereby requests the Commissioner of
Patents and Trademarks to issue any and all Letters Patent of the United States resulting from said
Application and Related US Applications, to ASSIGNEE, for its interest and for the sole use and
benefit of ASSIGNEE and its assigns and legal representatives.

For the same consideration, ASSIGNOR, by these presents does sell, assign, and transfer
to ASSIGNEE all of ASSIGNOR's rights, title and interest in and to any foreign and international

applications related to and/or seeking benefit of said Application and Related US Applications, and in and to all inventions and improvements thereon (herein collectively referred to as "Related Foreign Applications"), in and to any Letters Patent and similar protective rights granted on said Related Foreign Applications, and in and to the right to claim any applicable priority rights arising from or required for said Related Foreign Applications under the terms of any applicable conventions, treaties, statutes, or regulations, said Related Foreign Applications to be filed and issued in the name of ASSIGNEE or its designee, insofar as permitted by applicable law.

For the same consideration, ASSIGNOR agrees, without charge to ASSIGNEE, but at ASSIGNEE'S expense, to sign all lawful papers, execute said Application, Related US Applications and Related Foreign Applications, make all assignments and rightful oaths, assist in prosecution of said Application, Related US Applications and Related Foreign Applications, assist in prosecution of legal proceedings, and generally do everything reasonably possible to aid ASSIGNEE its successors, assigns, and nominees, to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

AND, for the same consideration, ASSIGNOR also hereby sells, assigns and transfers unto ASSIGNEE all of ASSIGNOR's rights and claims to sue for damages and other remedies with respect to any and all past infringement of all said Application, Related US Applications, and Related Foreign Applications, including said inventions and improvements which may have occurred before the date of this Assignment.

SIGNED this 17 day of January, 20 13 :

Kazuo SHIKAMA
Name

Kazuo Shikama
Signature

SIGNED this 17 day of January, 20 13 :

Takuya MACHIDA
Name

TAKUYA MACHIDA
Signature

SIGNED this 17 day of January, 20 13 :

Haruhiko MANDAI
Name

Haruhiko Mandai
Signature

SIGNED this 17 day of January, 20 13 :

Hirovuki WATANABE

Hirovuki Watanabe

Name

Signature

...3...

TROUTMAN
SANDERS