

A/P 581-40

1AP16 Rec'd PGT/PTO 24 NOV 2009

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U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

12/451668

To the Director of the U.S. Patent .

103581829

Documents or the new address(es) below.

1. Name of conveying party(ies):

Ryohei Shigematsu (10/30/2009), Hiroshi
Imamura (10/30/2009), and Takafumi Hirata
(10/30/2009)Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s): in parentheses after inventor name

☒ Assignment ☐ Merger ☐ Change of Name☐ Security Agreement ☐ Joint Research Agreement☐ Government Interest Assignment☐ Executive Order 9424, Confirmatory License☐ Other

2. Name and address of receiving party(ies)

Name: NHK Spring Co., Ltd.

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JAPAN

City:

State:

Country:

Zip:

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

☒

This document is being filed together with a new application.

A. Patent Application No.(s)

This application

B. Patent No.(s)

Additional numbers attached?

☐ Yes☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: William L. Brooks
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6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

☒ Authorized to be charged to deposit account☐ Enclosed☐ None required (government interest not affecting title)

8. Payment Information

Deposit Account Number 04-1105

Authorized User Name William L. Brooks

9. Signature:

Signature

November 24, 2009

Date

William L. Brooks - 34,129

Name of Person Signing

Total number of pages including cover
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U.S. ASSIGNMENT

12/451668

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by
(Insert Name(s) & Address(es) of ASSIGNEE(S))

NHK SPRING CO., LTD.

3-10, Fukuura, Kanazawa-ku, Yokohama-shi, Kanagawa 236-0004 Japan

(hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled
(Title of Invention)

OPTICAL SCANNING ACTUATOR

relating to International Patent Application PCT/JP2008/059999 and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(a) executed on _____; (Insert date of execution of application, if not concurrent)

(b) filed on _____

Serial No. ____/____;

Assignee's attorney is hereby authorized to insert in (b) the specified data, when known.

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

1)	<u>Ryohei Shigematsu</u> (Signature)	<u>Ryohei SHIGEMATSU</u> (Type Name)	<u>Oct. 30, 2009</u> (Date)
2)	<u>Hiroshi Imamura</u> (Signature)	<u>Hiroshi IMAMURA</u> (Type Name)	<u>Oct. 30, 2009</u> (Date)
3)	<u>Takafumi Hirata</u> (Signature)	<u>Takafumi HIRATA</u> (Type Name)	<u>Oct. 30, 2009</u> (Date)
4)	_____ (Signature)	_____ (Type Name)	_____ (Date)
5)	_____ (Signature)	_____ (Type Name)	_____ (Date)