

P27914.P11.doc

FORM PTO-1595		RECORDATION FORM COVER SHEET PATENTS ONLY		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE					
To the Honorable Director of Patents and Trademarks: Please record the attached original documents or copy thereof.									
1. Name of Conveying party(ies): Masayoshi ESASHI Naoki KIKUCHI Rogerio Jun MIZUNO Masanori MAEDA Satoshi KARASAWA Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			2. Name and address of receiving party(ies) Name: <u>TOHOKU UNIVERSITY</u> Internal Address: _____ Street Address: <u>1-1, Katahira 2-chome, Aoba-ku,</u> <u>Sendai, Miyagi 980-8577, JAPAN</u> City: _____ State: _____ ZIP: _____ Additional names(s) and address(es) attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No						
3. Nature of conveyance: <input type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input checked="" type="checkbox"/> Other : <u>Corrected of Recordation at REEL 017152 and Frame 0538</u> Execution Date : _____									
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: _____ <table style="width:100%;"> <tr> <td style="width:50%; vertical-align: top;"> A. Patent Application No.(s) 11/201,316 </td> <td style="width:50%; vertical-align: top;"> B. Patent No.(s) </td> </tr> </table> Additional numbers attached: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No						A. Patent Application No.(s) 11/201,316	B. Patent No.(s) 		
A. Patent Application No.(s) 11/201,316	B. Patent No.(s) 								
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>Bruce H. Bernstein</u> Internal Address: <u>P27914</u> Street Address: <u>GREENBLUM & BERNSTEIN, P.L.C.</u> <u>1950 Roland Clarke Place</u> City: <u>Reston</u> State: <u>VA</u> ZIP: <u>20191</u>			6. Total number of applications and patents involved: <u>1</u> 7. Total Fee (37CFR 3.41) <u>\$40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: <u>19-0089</u> (Attach duplicate copy of this page if paying by deposit account)						
DO NOT USE THIS SPACE									
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. <table style="width:100%;"> <tr> <td style="width:30%;"> <u>Bruce H. Bernstein, Reg. No. 29,027</u> Name of Person Signing </td> <td style="width:30%; text-align: center;"> <u>By <i>William E. Lyddane</i></u> Signature </td> <td style="width:20%; text-align: center;"> <u>William E. Lyddane</u> Reg. No. <u>41,568</u> </td> <td style="width:20%; text-align: center;"> <u>3-8-06</u> Date </td> </tr> </table> Total number of pages including cover sheet, attachments and document: <u>11</u>						<u>Bruce H. Bernstein, Reg. No. 29,027</u> Name of Person Signing	<u>By <i>William E. Lyddane</i></u> Signature	<u>William E. Lyddane</u> Reg. No. <u>41,568</u>	<u>3-8-06</u> Date
<u>Bruce H. Bernstein, Reg. No. 29,027</u> Name of Person Signing	<u>By <i>William E. Lyddane</i></u> Signature	<u>William E. Lyddane</u> Reg. No. <u>41,568</u>	<u>3-8-06</u> Date						

Mail documents to be recorded with required cover sheet information to:
 Director of the United States Patent and Trademark Office, Mail Stop Assignments Recordation Services
 U.S. Patent and Trademark Office
 Customer Service Window
 Randolph Building
 401 Dulany Street
 Alexandria, VA 22314

700249167

PATENT
REEL: 017319 FRAME: 0120

CH \$40.00 190089 11201316

P27914

LISTING OF ADDITIONAL RECEIVING PARTIES

Name : PENTAX Corporation

Street address : 36-9, Maenochō 2-chōme, Itabashi-ku, Tokyo, JAPAN

P27914.PG5

FORM PTO-1595

RECORD

To the Honorable Director of Patents and Trademark Office

11-02-2005

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

its or copy thereof.

103112213

Name and address of receiving party(ies)

Name: TOHOKU UNIVERSITY

Internal
Address:

Street

Address: 1-1, Katahira 2-chome, Aoba-ku,

Sendai, Miyagi 980-8577, JAPAN

City: State: ZIP:

Additional names(s) and address(es) attached? ☒ Yes ☐ No

1. Name of Conveying party(ies):

Masayoshi ESASHI
Naoki KIKUCHI
Rogerio Jun MIZUNO
Masanori MAEDA
Satoshi KARASAWAAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: October 25, 25, 17, 24 & 14, 2005

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

11/021,316

B. Patent No.(s)

Additional numbers attached: ☐ Yes ☒ No

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

Name: Bruce H. Bernstein

Internal Address: P27914

Street Address: GREENBLUM & BERNSTEIN, P.L.C.

1950 Roland Clarke Place

City: Reston State: VA ZIP: 20191

6. Total number of applications and patents involved: 1

7. Total Fee (37CFR 3.41) \$40.00

☒ Enclosed☐ Authorized to be charged to deposit account

8. Deposit account number:

19-0089

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Bruce H. Bernstein, Reg. No. 29,027
Name of Person Signing

Leslie J. Paperner

Reg. No. 33,329

Signature

Date

Total number of pages including cover sheet, attachments and document: 5

11/01/2005 ECOMPER 00000091 11021316

01 FC:0021

40.00

Mail documents to be recorded with required cover sheet information to:
Director of the United States Patent and Trademark Office, Mail Stop Assignments Recordation Services
U.S. Patent and Trademark Office
Customer Service Window
Randolph Building
401 Dulany Street
Alexandria, VA 22314

P27914

LISTING OF ADDITIONAL RECEIVING PARTIES

Name : PENTAX Corporation

Street address : 36-9, Maenochō 2-chōme, Itabashi-ku, Tokyo, JAPAN

PENTAX

P27914.AS1.doc

Page 1

ASSIGNMENT

WHEREAS, **Masayoshi ESASHI**, a citizen of Japan, whose post office address is 11-9, Yagiyamaminami 1-chome, Taihaku-ku, Sendai-shi, Miyagi-ken, Japan, and **Naoki KIKUCHI**, a citizen of Japan, whose post office address is c/o PENTAX Corporation, 36-9, Maenochō 2-chome, Itabashi-ku, Tokyo, Japan, and **Rogerio Jun MIZUNO**, a citizen of Japan, whose post office address is c/o PENTAX Corporation, 36-9, Maenochō 2-chome, Itabashi-ku, Tokyo, Japan, and **Masanori MAEDA**, a citizen of Japan, whose post office is c/o PENTAX Corporation, 36-9, Maenochō 2-chome, Itabashi-ku, Tokyo, Japan, and **Satoshi KARASAWA**, a citizen of Japan, whose post office address is c/o PENTAX Corporation, 36-9, Maenochō 2-chome, Itabashi-ku, Tokyo, Japan hereinafter referred to as the ASSIGNORS, have invented a certain improvement relating to

Driving Mechanism and Micro-Mirror Device Provided with the Same

for which they have jointly executed an application for Letters Patent for the United States which was filed in the United States Patent and Trademark Office on August 11, 2005 and was awarded Application No. 11/201,316.

AND WHEREAS, **TOHOKU UNIVERSITY**, organized and existing under the laws of Japan, whose post-office address is 1-1, Katahira 2-chome, Aoba-ku, Sendai, Miyagi 980-8577, Japan, and **PENTAX Corporation**, a corporation organized and existing under the laws of Japan, whose post-office address is 36-9, Maenochō 2-chome, Itabashi-ku, Tokyo, Japan, hereinafter known as the ASSIGNEES, are desirous of each acquiring an equal undivided interest in the entire right, title and interest for the United States in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, and prolongations thereof.

NOW, THIS WITNESSETH that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt whereof is hereby acknowledged, said ASSIGNORS hereby assign, sell and transfer to said ASSIGNEES, their assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application, for the United States including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, said ASSIGNEES and their assigns and legal representatives to have, hold, exercise and enjoy the said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges, and advantages in any ways arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, and prolongations thereof, for the use and benefit of said ASSIGNEES and their assigns and legal representatives in as ample and beneficial a manner to all intents and purposes as the said ASSIGNORS might or could have held and enjoyed the same, if this assignment had not been made.

P27914.AS1.doc

Page 2

AND said ASSIGNORS hereby agree to execute all papers necessary to file applications in the United States for said invention and to assign the same to said ASSIGNEES, or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing Letters Patent thereon.

AND said ASSIGNORS authorize and request the Commissioner of Patents to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEE, its assigns and legal representatives, in accordance herewith.

IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNORS, on the respective dates indicated below.

First Witness:

(Name)

(Date)

Masayoshi ESASHI Oct. 25, 2005
Masayoshi ESASHI Date

Second Witness:

(Name)

(Date)

First Witness:

First Witness: Katsumi Terayama
(Name)

(Name)

10/25/2003
(Date)

(Date)

Naoki KIKUCHI Oct. 25, 2005
Naoki KIKUCHI Date

Second Witness:

Ayumi Takagi
(Name)

(Name)

10/25/2005
(Date)

(Date)

P27914.AS1.doc

Page 3

IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNORS,
on the respective dates indicated below.

First Witness:

Katsumi Terayama

(Name)

10 / 17 / 2005

(Date)

Rogerio Jun Mizuno Oct. 17th 2005
Rogerio Jun MIZUNO Date

Second Witness:

Ayumi Takagi

(Name)

10/17/2005

(Date)

First Witness:

Katsumi Terayama

(Name)

10 / 24 / 2005

(Date)

Masanori Maeda Oct. 24th 2005
Masanori MAEDA Date

Second Witness:

Ayumi Takagi

(Name)

10/24/2005

(Date)

First Witness:

(Name)

(Date)

Satoshi Karasawa Oct. 18th 2005
Satoshi KARASAWA Date

Second Witness:

(Name)

PATENT

RECORDED: 03/08/2006

REEL: 017319 FRAME: 0126