

01-08-2002



Form PTO-1595  
(Rev. 03/01)  
OMB No. 0651-0027 (exp. 5/31/2002)  
Tab settings ⇄ ⇄ ⇄ ▼ ▼ ▼ ▼ ▼ ▼ ▼

101936967

U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office  
Atty Docket No.: NEKU 19.296

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
Mikio ODA  
Mitsuru YAMAMOTO  
Hikaru KOUTA  
YasuhiroSASAKI  
Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies)  
Name: \_\_\_\_\_ NEC CORPORATION  
Internal Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
7-1, Shiba 5-chome, Minato-ku  
Street Address: \_\_\_\_\_  
Tokyo, Japan  
\_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
Additional name(s) & address(es) attached?  Yes  No

10/028238  
U.S. PTO  
12/21/01

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_  
DECEMBER 14, 2001  
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: \_\_\_\_\_  
A. Patent Application No.(s)  
10028238  
B. Patent No.(s)  
12/21/2001  
Additional numbers attached?  Yes  No

6. Total number of applications and patents involved:  1  
7. Total fee (37 CFR 3.41).....\$ 40.00  
 Enclosed  
 Authorized to be charged to deposit account

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: \_\_\_\_\_ Rosenman & Colin LLP  
Internal Address: \_\_\_\_\_ IP Department 15th Fl.  
\_\_\_\_\_  
\_\_\_\_\_  
575 Madsion Avenue  
Street Address: \_\_\_\_\_  
\_\_\_\_\_  
New York New York 10022-2585  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

8. Deposit account number:  
50-1290  
(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.*  
Harris A. Wolin  
Name of Person Signing \_\_\_\_\_ Signature \_\_\_\_\_ Date DECEMBER 21, 2001

Total number of pages including cover sheet, attachments, and documents:  3

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

01/07/2002 LHWELLER 00000172 501290 10028238  
01 FC:581 40.00 CH

PATENT  
REEL: 012417 FRAME: 0706

**CONTINUATION OF RECORDATION FORM COVER SHEET**

**Continuation of Item 1. - Name of Conveying Parties**

*Additional Names of Conveying Party(ies):*

Sakae KITAJO

Yuzo SHIMADA

**Continuation of Item 2. - Name and address of receiving parties**

*Additional Receiving Party(ies):*

Name:

Street Address:

City:

State:

Zip

**Continuation of Item 4. - Application numbers or patent numbers**

*Continuation of Item 4 A. - Additional Patent Application No.(s):*

*Continuation of Item 4 B. - Additional Patent No.(s):*

*Attorney Docket No. NEKU 19.296(100809-00072)*

0157P/95

ASSIGNMENT

Docket No. \_\_\_\_\_

WHEREAS, the below named inventor, ASSIGNOR, has made a certain new and useful invention in: OPTICAL PATH CONTROL APPARATUS WITH MIRROR SECTION, AND MANUFACTURING METHOD FOR THE SAME

for which (check one)  ] an application is being filed concurrently herewith, [ ] an application for a Patent of the United States was filed on \_\_\_\_\_ and given Application Serial No. \_\_\_\_\_

and WHEREAS, NEC Corporation having a place of business at 7-1, Shiba 5-chome, Minato-ku, Tokyo, Japan

is desirous of obtaining the entire right, title and interest in, to and under the said invention and the said application, ASSIGNEE

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, the said ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventor's certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

ASSIGNOR authorizes and requests the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument; and

ASSIGNOR covenants and agrees that he has full right to convey the entire interest herein assigned, and has not executed, and will not execute, any agreement in conflict herewith; and

ASSIGNOR further covenants and agrees that he will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

Full name of sole or first inventor MIKIO ODA  
Inventor's Signature Mikio Oda  Date December 14, 2001  
Residence Tokyo, Japan Citizenship Japanese  
Post Office Address c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo, Japan

Full name of second joint inventor, if any MITSURU YAMAMOTO  
Second Inventor's Signature Mitsuru Yamamoto Date December 14, 2001  
Residence Tokyo, Japan Citizenship Japanese  
Post Office Address c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo, Japan

Full name of third joint inventor, if any HIKARU KOUTA  
Third Inventor's Signature Hikaru Kouta Date December 14, 2001  
Residence Tokyo, Japan Citizenship Japanese  
Post Office Address c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo, Japan

Full name of fourth joint inventor, if any YASUHIRO SASAKI  
Inventor's Signature Yasuhiro Sasaki Date December 14, 2001  
Residence Tokyo, Japan Citizenship Japanese  
Post Office Address c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo, Japan

Full name of fifth joint inventor, if any SAKAE KITAJO  
Inventor's Signature Sakae Kitajo Date December 14, 2001  
Residence Tokyo, Japan Citizenship Japanese  
Post Office Address c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo, Japan

Full name of sixth joint inventor, if any YUZO SHIMADA  
Inventor's Signature Yuzo Shimada Date December 14, 2001  
Residence Tokyo, Japan Citizenship Japanese  
Post Office Address c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo, Japan

Witness: Fumitaka Uetani

RECORDED: 12/21/2001

PATENT REEL: 012417 FRAME: 0708