

Assistant Commissioner for Patent
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Washington, D.C. 20231

11-10-1998



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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Attorney Docket No. 101965

To the Assistant Commissioner for Patents: Please record the attached original document or copy thereof.

1. A. Name of conveying party(ies):

Keiichi NASHIMOTO
Koichi HAGA
Masao WATANABE
Hiroaki MORIYAMA
Takashi MORIKAWA
Shigetoshi NAKAMURA

B. Additional name(s) of conveying party(ies)
attached?

☐ Yes ☒ No

2. A. Name and address of receiving party(ies):

FUJI XEROX CO., LTD.
17-22, AKASAKA 2-CHOME
MINATO-KU, TOKYO, JAPAN

B. Additional name(s) & address(es) attached?

☐ Yes ☒ No

3. A. Nature of conveyance:

X Assignment Merger
 Security Agreement Change of Name
 Other

B. Execution Date: October 27, 1998

4. A. If this document is being filed together with a new application, the execution date of the application is: October 27, 1998.

B. Patent Application No.(s)

C. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: James A. Oliff

Address: **OLIFF & BERRIDGE, PLC**
P.O. Box 19928
Alexandria, VA 22320

DEPOSIT ACCOUNT USE
AUTHORIZATION

Please grant any extension
necessary for entry;
Charge any fee due to our
Deposit Account No. 15-0461

6. Total number of applications and patents involved: 1

7. A. Total fee (37 CFR 3.41)..... \$ 40.00

B. Enclosed (Check No. 9242)

8. Credit any overpayment or charge any underpayment to
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9. S

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.

James A. Oliff Registration No. 27,075
Jay A. Stelacone Registration No. 42,168

Date: November 2, 1998

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Total number of pages including cover sheet, attachments, and document: 2

PATENT
REEL: 9583 FRAME: 0410

ASSIGNMENT

| | | |
|-------------------------------------|------------------------------|--------------------------------|
| (1-8) Insert Name(s) of Inventor(s) | (1) <u>Keiichi Nashimoto</u> | (5) <u>Takashi Morikawa</u> |
| | (2) <u>Koichi Haga</u> | (6) <u>Shigetoshi Nakamura</u> |
| | (3) <u>Masao Watanabe</u> | (7) _____ |
| | (4) <u>Hiroaki Moriyama</u> | (8) _____ |

In consideration of the sum of one dollar (\$1.00) and other good and variable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

| | |
|---------------------------------|---|
| (9) Insert Name of Assignee | (9) <u>FUJI XEROX CO., LTD.</u> |
| (10) Insert Address of Assignee | (10) <u>17-22, Akasaka 2-chome, Minato-ku, Tokyo, Japan</u> |

(hereinafter designated as the Assignee) the entire right, title and interest for the United States of America as defined in 35 U.S.C. § 100, in the invention, and in all applications for patent including any and all divisions, continuations, substitutes, and reissues, and all Letters Patent, extensions, reissues, and reexamination certificates that may be granted on the invention known as

| | |
|--|---|
| (11) Insert Identification, such as Title, Case Number or Foreign Application Number | (11) <u>OPTICAL WAVEGUIDE DEVICE AND MANUFACTURING METHOD THEREOF</u> |
| | (Case No. _____) |

for which the undersigned has (have) executed an application for patent in the United States of America

| | |
|--|---------------------------------|
| (12) Insert Date of Signing of Application | (12) on <u>October 27, 1998</u> |
|--|---------------------------------|

| | |
|--|--|
| (13) Alternative Identification for filed applications | (13) U.S. application Serial Number _____ filed _____ |
|--|--|

1) The undersigned agree(s) to execute all papers necessary in connection with the application and any continuing, divisional or reissue applications for the invention and also to execute separate assignments in connection with such applications as the Assignee may deem necessary.

2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application of continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for protection of Industrial Property of similar agreements.

4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignee.

5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any divisional, continuing to reissue applications to the said Assignee, as Assignee the entire interest herein assigned, and that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreements in conflict herewith.

6) The undersigned hereby grant(s) the firm of OLIFF & BERRIDGE the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

| | | | |
|------|-------------------|---|--------|
| Date | <u>10/27/1998</u> | Name of Inventor <u>Keiichi Nashimoto</u> | (SEAL) |
| Date | <u>10/27/1998</u> | Name of Inventor <u>Koichi Haga</u> | (SEAL) |
| Date | <u>10/27/1998</u> | Name of Inventor <u>Masao Watanabe</u> | (SEAL) |
| Date | <u>10/27/1998</u> | Name of Inventor <u>Hiroaki Moriyama</u> | (SEAL) |
| Date | <u>10/27/1998</u> | Name of Inventor <u>Takashi Morikawa</u> | (SEAL) |
| Date | <u>10/27/1998</u> | Name of Inventor <u>Shigetoshi Nakamura</u> | (SEAL) |
| Date | _____ | Name of Inventor _____ | (SEAL) |
| Date | _____ | Name of Inventor _____ | (SEAL) |

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

| | | | |
|------|-------------------|----------------------------------|--|
| Date | <u>10/27/1998</u> | Witness <u>Jakobson Smith</u> | |
| Date | <u>10/27/1998</u> | Witness <u>Jenkins Rodriguez</u> | |