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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Attorney Docket No. 114547

1002 U.S. PTO
10/320534
12/17/02

To the Director of the U.S. Patent and Trademark Office: Please record the attached original document or copy thereof.

1. A. Name of conveying parties:

Hirota TAKAHASHI
Hiroshi SUGITA
Kenichi SONOBE
Kazuya EDOGAWA
Tomokazu KANEKO
Tsutomu HOSHINO

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

☐ Yes ☒ No

mmp 12/17/02

2. A. Name and address of receiving party:

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:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other _____B. Execution Date: December 10, 20024. A. If this document is being filed together with a new application, the execution date of the application is: December 10, 2002B. Patent Application No.(s) 10320534

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

6. Total number of applications and patents involved: 17. A. Total fee (37 CFR 3.41).....\$ 40.00B. Enclosed (Check No. 137351)

8. Credit any overpayment or charge any underpayment to deposit account number 15-0461.

12/20/2002 DBYRNE 00000192 10320534

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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.

James A. Oliff Registration No. 27,075
Thomas J. Pardini Registration No. 30,411

Date: December 17, 2002Total number of pages including cover sheet, attachments, and document: 2

PATENT
REEL: 013588 FRAME: 0370

ASSIGNMENT

(1-8) Insert Name(s) of Inventor(s)

(1) <u>Hirota TAKAHASHI</u>	(5) <u>Tomokazu KANEKO and</u>
(2) <u>Hiroshi SUGITA</u>	(6) <u>Tsutomu HOSHINO</u>
(3) <u>Kenichi SONOBE</u>	(7) _____ and
(4) <u>Kazuya EDOGAWA</u>	(8) _____

In consideration of the sum of one dollar (\$1.00) and other good and valuable 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
(10) Insert Address of Assignee

(9) FUJI XEROX CO., LTD.
(10) 17-22, Akasaka 2-chome, Minato-ku, Tokyo, Japan

(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) USB DEVICE
(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 December 10, 2002

(13) Alternative Identification for filed applications

(13) U.S. application Serial Number _____
filed December 17, 2002

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 or 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 or 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 or reissue applications to the said Assignee, as Assignee of the entire interest, and hereby covenants 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>December 10, 2002</u>	Name of Inventor <u>Hirota Takahashi</u>	(SEAL)
Date <u>December 10, 2002</u>	Name of Inventor <u>Hiroshi Sugita</u>	(SEAL)
Date <u>December 10, 2002</u>	Name of Inventor <u>Kenichi Sonobe</u>	(SEAL)
Date <u>December 10, 2002</u>	Name of Inventor <u>Kazuya Edogawa</u>	(SEAL)
Date <u>December 10, 2002</u>	Name of Inventor <u>Tomokazu Kaneko</u>	(SEAL)
Date <u>December 10, 2002</u>	Name of Inventor <u>Tsutomu Hoshino</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 _____	Witness _____
Date _____	Witness _____