

04-15-1999

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Attorney Docket  
No.: 09448-74  
(G0142US)

16-50-00

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

1. Name of conveying party(ies):

Shinichi Katakura  
Masato Nagata  
Takao Uchida

2 Name and address of receiving party(ies)

Oki Data Corporation  
11-22, Shibaura 4-chome  
Minato-ku, Tokyo 108-8551  
JAPAN

10518 U.S. PTO  
09/286633  
04/05/99

3. Nature of conveyance:

Assignment                       Merger  
 Security Agreement               Change of Name  
 Other:

Execution Date: **March 19, 1999**

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: **March 19, 1999**

A. Patent Application No.(s):

**09/286633**

B. Patent No.(s):

Additional numbers attached?       Yes     No

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

**LESLIE L. KASTEN, JR.**  
**PANITCH SCHWARZE JACOBS & NADEL, P.C.**  
One Commerce Square - 2005 Market Street - 22nd Fl.  
Philadelphia, PA 19103-7086  
Telephone: (215) 965-1290  
Facsimile: (215) 567-2991  
E-Mail: psjn@psjn.com

6. Total number of applications and patents involved: **[1]**

7. Total fee (37 CFR 3.41) Cal. 1 x \$40.00 = \$ **40.00**

Enclosed  
 Authorized to be charged to deposit account

8. Deposit account number: **16-0235**

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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.*

LESLIE L. KASTEN, JR.  
Name of Person Signing

*Leslie L. Kasten, Jr.*  
Signature

4/5/99  
Date

Total number of pages including cover sheet, attachments and document: **[3]**

Attorney Docket No. 09448-74

Ref. No. G0142US

JOINT

**ASSIGNMENT**

**WHEREAS, we, Shinichi KATAKURA, Masato NAGATA and Takao UCHIDA**

**respectively citizens of Japan, with respective post office addresses of c/o Oki Data Corporation  
11-22, Shibaura 4-chome, Minato-ku, Tokyo 108-8551 Japan**

**hereinafter generally referred to as "ASSIGNORS," have invented a certain new and useful**

PRINTER

**for which we have executed a United States patent application, Application No. \_\_\_\_\_, filed April 5, 1999, and**

**ASSIGNORS authorize ASSIGNEE or ASSIGNEE's representative to insert the Application Number and Filing date of this application if they are unknown at the time of execution of this Assignment.**

**WHEREAS, Oki Data Corporation, a Japanese corporation having a place of business at 11-22, Shibaura 4-chome, Minato-ku, Tokyo 108-8551 Japan, hereinafter generally referred to as "ASSIGNEE", is desirous of acquiring said invention and said patent application.**

**NOW, THEREFORE, in consideration of the sum of One Dollar and other good and valuable executed consideration, the full receipt and sufficiency of all of which are hereby acknowledged and intending to be legally bound hereby, we, the undersigned ASSIGNORS, hereby agree to sell, assign, transfer and convey and by these presents do sell, assign, transfer and convey unto the above-named ASSIGNEE, the whole and entire right, title and interest**

**in and to said invention as described in the above patent application, for the territory of the United States and its possessions and territories and all foreign countries;**

**in and to the above patent application and any and all related United States and foreign patent applications disclosing said invention, including provisionals, non-provisionals, divisions and continuations thereof, along with all rights of priority created by said patent application under any treaty relating thereto; and**

in and to all United States and foreign patents which may be granted on any and all of said patent applications, including extensions, reissues and reexamination certificates thereof;

said invention, application(s) and patent(s) to be held and enjoyed by the above-named ASSIGNEE, for ASSIGNEE's own use and benefit, and for ASSIGNEE's legal representatives and assigns to the full end of the term or terms for which said patent(s) may be granted, as fully and entirely as the same would have been held by the undersigned ASSIGNORS had this assignment and sale not been made; and for the aforesaid consideration ASSIGNORS hereby covenant, agree and undertake to execute, whenever requested by the above-named ASSIGNEE, all patent applications, assignments, lawful oaths and any other papers which ASSIGNEE may deem necessary or desirable for securing to ASSIGNEE or for maintaining for ASSIGNEE all the patent(s) hereby assigned or agreed to be assigned; all without further compensation to the undersigned ASSIGNORS.

March 19, 1999  
\_\_\_\_\_  
(Date)

*Shinichi Katakura* (Seal)  
\_\_\_\_\_  
Shinichi KATAKURA

March 19, 1999  
\_\_\_\_\_  
(Date)

*Masato Nagata* (Seal)  
\_\_\_\_\_  
Masato NAGATA

March 19, 1999  
\_\_\_\_\_  
(Date)

*Takao Uchida* (Seal)  
\_\_\_\_\_  
Takao UCHIDA

\_\_\_\_\_  
(Date)

\_\_\_\_\_  
(Seal)