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U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

Tab settings

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

1. Name of conveying party(ies):  
 1) Toru KUMADA 4) Kazunori KUMAGAI  
 2) Takao YAMAGUCHI  
 3) Junichi KIGOSHI  
 Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies)  
 Name: FUJITSU LIMITED  
 Internal Address:  
 Street Address: 1-1, Kamikodanaka 4-chome  
 Nakahara-ku, Kawasaki-shi  
 City: Kanagawa State: ZIP: 211-8588  
 Country: Japan  
 Additional name(s) & address(es) attached?  Yes  No

3. Nature of conveyance: **MRD 4-9-98**  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other  
 Execution Date: **MARCH 16, 1998 (1-4)**

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 16, 1998**

A. Patent Application No.(s)  
09/057,661

B. Patent No.(s)

ATTORNEY S DOCKET NO.: Additional numbers attached?  Yes  No  
**FUJI 15 018**

5. Name and address of party to whom correspondence concerning document should be mailed:  
 Name: HELFGOTT & KARAS, P.C.  
 Internal Address: EMPIRE STATE BUILDING  
 60th FLOOR  
 Street Address: 350 Fifth Avenue  
 City: New York State: NY ZIP: 10118  
 Telephone NO.: (212) 643-5000

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 any excess fee due

8. Deposit account number:  
08-1634  
 (Attach duplicate copy of this page if paying by deposit account)

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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.

**SAMSON HELFGOTT**  
 Name of Person Signing  
 Reg. No. 23,072

*[Signature]*  
 Signature

**JUNE 10, 1998**  
 Date

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

ASSIGNMENT

Docket No. FUJI 15.018

WHEREAS, the below named inventor, ASSIGNOR, has made a certain new and useful invention in : \_\_\_\_\_  
INTERACTIVE DESIGNING PROCESS AND SYSTEM OF A PRINTED CIRCUIT BOARD PATTERN

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, FUJITSU LIMITED  
 having a place of business at 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa,  
211-8588 Japan, ASSIGNEE  
 is desirous of obtaining the entire right, title and interest in, to and under the said invention and the said application:

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 Touru Kumada  
 Inventor's signature Touru Kumada Date March 16, 1998  
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 Post Office Address c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku,  
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Full name of second joint inventor, if any Takao Yamaguchi  
 Second Inventor's signature Takao Yamaguchi Date March 16, 1998  
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Full name of third joint inventor, if any Junichi Kigoshi  
 Third Inventor's signature Junichi Kigoshi Date March 16, 1998  
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PATENT

ADDITIONAL INVENTORS FOR DECLARATION/ASSIGNMENT

Full name of additional inventor Kazunori Kumagai  
 Inventor's signature Kazunori Kumagai Date March 16, 1998  
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