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

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ATTORNEY ASSIGNMENTS

11000 U.S. PTO
09/070606
06/01/01

1. Name of conveying party(ies):
1. Hiroshi UBUKATA
2. Kentaro TOMIOKA

Additional name(s) of conveying party(ies) attached? Yes No

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

Name: KABUSHIKI KAISHA TOSHIBA
Internal Address:

3. Nature of conveyance:

 Assignment Merger
 Security Agreement Change of Name

 Other

Street Address: 72 Horikawa-cho, Saiwai-ku
Kawasaki-shi, Japan
City:
State: | Zip Code: |

Execution Date: June 1, 2001

Additional name(s) & Address(es) attached?
 Yes No

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: June 1, 2001
A. Patent Application Number(s): 09870686
B. Patent Number(s):
Additional numbers attached? Yes No

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

Name: Mr. Ernest F. Chapman
Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.
06/04/2001 RHARIS1 00000016 09870686
02 FC:581 40.00 DP
Street Address: 1300 I Street, N.W.
City: Washington
State: DC Zip: 20005-3315

6. Total number of applications and registrations involved: 1
7. Total fee (37 CFR 3.41): \$40

Enclosed (Please charge deficiency to deposit account)
Authorized to be charged to deposit account
8. Deposit account number: 06-0916

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.

Richard V. Burgujian [Signature] June 1, 2001
Reg. No. 31,744 Signature Date

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

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

STRUCTURE AND METHOD FOR CONSTRUCTING CIRCUIT MODULE SUITABLE FOR HAND-HELD ELECTRONIC EQUIPMENT

for which I/WE executed an application for United States Letters Patent consummated herewith or filed an application for United States Letters Patent on 20 (Serial No.); and

WHEREAS, Kabushiki Kaisha Toshiba a corporation of Japan

whose post office address is 72, Honkawa-cho, Saiwai-ku, Kawasaki-shi, Kanagawa-ken, Japan

(hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to the invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon the application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I/WE, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, as lawful successors and assigns, my/our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me/us respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful claims and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

AND, I/WE HEREBY authorize and request the attorneys I/we have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. , filed) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, I/We have hereunto set our hand(s).

Table with 3 columns: FULL NAME OF SOLE OR FIRST ASSIGNOR, ASSIGNOR'S SIGNATURE, DATE. Includes entries for Hiroshi UBUKATA and Kentaro TOMIOKA.