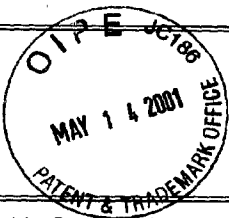


05-18-2001

Docket No: 55642 (70904)

FORM PTO-1595 (Rev. 6-93)



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D #

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

1. Name of conveying party(ies): Tatsuo NOMURA Kouki FUKUDA Syoichiro YOSHIURA Additional name(s) of conveying party(ies) attached? [] Yes [X] No

5-1420

2. Name and address of receiving party(ies): Name: Sharp Kabushiki Kaisha Internal Address: Street Address: City Osaka Country: JAPAN Additional name(s) & address(es) attached? [] yes [X] no

3. Nature of Conveyance: [X] Assignment [] Security Agreement [] Other: [] Merger [] Change of Name Execution Date: April 19, 2001

Please see attached.

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: A. Patent Application No.(s) 09/795,694 B. Patent No.(s) Additional numbers attached? [] Yes [X] No

5. Name and address of party to whom correspondence concerning document should be mailed: Name: William J. Daley, Jr. Street Address: Dike, Bronstein, Roberts & Cushman, Intellectual Property Practice Group, Edwards & Angell, LLP P.O. Box 9169 City: Boston State: MA Zip: 02209

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

05/17/2001 GTON11 00000144 09795694 01 FC:581 40.00 DP

7. Total fee (37 CFR 3.41):.....\$ 40.00 [X] Enclosed [] Authorized to be charged to deposit account 8. Deposit account number: 04-1105 (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. William J. Daley, Jr. Signature: William J. Daley Date: May 10, 2001

Total number of pages including cover sheet, attachments, and documents [3]

ASSIGNMENT

We Tatsuo NOMURA
Kouki FUKUDA
and Syoichiro YOSHIURA
for good and valuable consideration from SHARP KABUSHIKI KAISHA
a Japanese corporation,
having its principal place of business in Osaka, Japan
hereinafter called the Assignee, receipt of which is hereby acknowledged, do hereby
sell, assign and transfer unto the Assignee, its successors and assigns, the entire
right, title and interest in, to and under an application for Letters Patent of the
United States Serial No. 09/795,694, filed on Feb. 28, 2001 * signed by us
for Improvements in CONTROL DEVICE FOR ELECTRONIC EQUIPMENT

including all priority rights ensuing therefrom, and the inventions and any of them
therein set forth and described, and any and all Letters Patent of the United States
and of countries foreign thereto which may be granted thereon or therefor, together
with the right to apply for such Letters Patent.

And for the above consideration we agree promptly upon request of the Assignee,
its successors or assigns, to execute and deliver without further compensation any
power of attorney, assignment, application, whether original, divisional, continuation
or reissue, or other papers which may be necessary or desirable fully to secure to the
Assignee, its successors and assigns, the inventions and any of them described in said
application and all patent rights therein, in the United States and in any country
foreign thereto.

The undersigned hereby grant(s) the law firm of Dike, Bronstein, Roberts &
Cushman 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
U.S. Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, I, Tatsuo NOMURA, hereunto set my
hand and seal this 19th day of April, 2001, I, Kouki FUKUDA
hereunto set my hand and seal this 19th day of April,
2001, and I, Syoichiro YOSHIURA, hereunto set my hand and seal
this 19th day of April, 2001.

Tatsuo Nomura
Kouki Fukuda
Syoichiro Yoshiura

Commonwealth [State] of _____ ss.
County of _____

Before me this _____ day of _____, 19____, personally appeared
_____, who is to me personally known, and acknowledged
the foregoing instrument of assignment to be [her] his free act and deed.

Notary Public

Commonwealth [State] of _____ ss.
County of _____

Before me this _____ day of _____, 19____, personally appeared
_____, who is to me personally known, and acknowledged
the foregoing instrument of assignment to be [her] his free act and deed.

Notary Public

*Where the application is assigned before it is filed,
and hence has no Serial No., this shall be left blank.