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FORM 1595

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

1. Name of conveying party(ies):
Hiroyoshi MASUDA

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

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

Name Mitsubishi Denki Kabushiki Kaisha

Internal Address: _____

Street Address: 2-3, Marunouchi 2-chome

Chiyoda-ku

City Tokyo

Country Japan ZIP 100-8310

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

JCS75 U.S. PTO
09/477417
01/04/00

3. Name of Conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: December 20, 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:
December 20, 1999

A. Patent Application No.(s)

B. Patent No.(s)

09/477417

Additional numbers attached? Yes No

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

Name: Vincent M. DeLuca

Internal Address: Rothwell, Figg, Ernst & Kurz

Suite 701 East

Street Address: 555 13th Street, N.W.

City: Washington

State: D.C. Zip 20004

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

8. Deposit account number: _____

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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.

Vincent M. DeLuca

Name of Person Signing

Vincent M DeLuca
Signature

1/4/00
Date

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

PATENT
REEL: 010497 FRAME: 0947

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, I/We Hiroyoshi MASUDA, a citizen of Japan,
First Named Inventor c/o MITSUBISHI DENKI KABUSHIKI KAISHA,
residing at 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 Japan
Address

_____, a citizen of _____,
Second named Inventor, if any
residing at _____,
Address

_____, a citizen of _____,
Third Named Inventor, if any
residing at _____,
Address

_____, a citizen of _____,
Fourth Named Inventor, if any
residing at _____,
Address

ASSIGNOR(S), am/are the inventor(s) of an invention in (insert title) "MOBILE COMMUNICATION TERMINAL APPARATUS
WITH RECEPTION LEVEL MEASUREMENT CONTROL"
for which I/we have executed an application for Letters Patent of the United States,

[X] of even date herewith;

(Check One) [] U.S. Serial Number _____ filed _____;
[] International Application No. PCT/ _____ filed _____;

and

WHEREAS, MITSUBISHI DENKI KABUSHIKI KAISHA of 2-3, Marunouchi 2-chome,
Assignee Citizenship or Corporate Situs Address
Chiyoda-ku, Tokyo 100-8310 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/us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I/we, the said ASSIGNOR(S) have sold, assigned, transferred and set over, and by these presents do 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 application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reexamination certificates, reissues and extensions thereof, and I/we hereby authorize and request the Commissioner of Patents of the United States, to issue all Letters Patent for said invention to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I/WE HEREBY covenant that I/we have the full right to convey the entire interest herein assigned, and that I/we have not executed, and will not execute, any agreement in conflict herewith.

AND I/WE HEREBY further covenant and agree that I/we will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me/us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue 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 patent protection for said invention at the expense of the ASSIGNEE.

IN TESTIMONY WHEREOF, I/we hereunto set my/our hand(s) and seal(s) the day and year set opposite my/our signature(s).

Hiroyoshi Masuda Hiroyoshi MASUDA L.S. Date December, 20, 1999

L.S. Date _____, 19____
L.S. Date _____, 19____
L.S. Date _____, 19____

Witness:

Name Date

Name Date