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To the Honorable Commissioner of Patents and ...

documents or copy thereof.

## 1. Name of conveying party(ies):

Katsuo INOUE  
Tomoaki TSUKADA  
Kensei ITO  
Satoshi OKAMOTOAdditional 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-chomeChiyoda-kuCity TokyoState JapanZIP 100-8310

Additional name(s) &amp; addresses(es) attached?

☐ Yes ☒ No

## 3. Name of Conveyance:

☒ Assignment ☐ Merger  
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## 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: 10/14/99

A. Patent Application No.(s) PCT/JP99/00387B. Patent No.(s) 09/403189Additional numbers attached? ☐ Yes ☒ No5. Name and address of party to whom correspondence  
concerning document should be mailed:Name: Vincent M. DeLucaInternal Address: Butterfield, Figg, Ernst & KurzSuite 701 EastStreet Address: 555 13th Street, N.W.City: WashingtonState: D.C. Zip 200046. Total number of applications  
and patents involved: 17. 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  
Signature10/19/99  
DateTotal number of pages including cover sheet, attachments and documents: 2PATENT  
REEL: 010612 FRAME: 0103

# ASSIGNMENT

Whereas, I/We, Katsuo INOUE, Tomoaki TSUKADA, Kensei ITO and  
Satoshi OKAMOTO

of

c/o Mitsubishi Denki Kabushiki Kaisha  
2-3, Marunouchi 2-chome, Chiyoda-ku, TOKYO 100-8310 JAPAN

hereinafter called assignor(s), have invented certain improvements in

PORTABLE TERMINAL

and executed an application for Letters Patent of the United States of America therefor on  
October 14, 1999; and

Whereas,

Mitsubishi Denki Kabushiki Kaisha  
2-3, Marunouchi 2-chome, Chiyoda-ku, TOKYO 100-8310 JAPAN

(assignee), desires to acquire the entire right, title and interest in the application and invention, and  
to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the the above named  
assignee, its successors and assigns, the entire right, title and interest in the application and the  
invention disclosed therein for the United States of America, including the right to claim priority under  
35 U.S.C. § 119, and I/we request the Commissioner of Patents to issue any Letters Patent granted  
upon the invention set forth in the application to the assignee, its successors and assigns; and I/we  
will execute without further consideration all papers deemed necessary by the assignee in connection  
with the United States application when called upon to do so by the assignee.

Date: Oct. 14, 1999

s/ Katsuo Inoue  
Katsuo INOUE

Date: Oct. 14, 1999

s/ Tomoaki Tsukada  
Tomoaki TSUKADA

Date: Oct. 14, 1999

s/ Kensei Ito  
Kensei ITO

Date: Oct. 14, 1999

s/ Satoshi Okamoto  
Satoshi OKAMOTO

Date:

s/

Date:

s/

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