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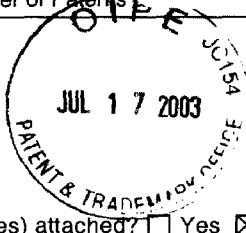
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To the Honorable Commissioner of Patents

nal documents or copy thereof.

1. Name of conveying party(ies):

Yoichiro Ban
Hiroaki Kuraoka



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

7.17.03

2. Name and address of receiving party(ies)

Name: DENSO CORPORATION

Internal Address: 1-1, Showa-cho

Kariya-city, Aichi-pref.

448-8661 JAPAN

Street Address: _____

City: _____ State: _____ Zip: _____

Additional Name(s) & address(es) attached? Yes No

3. Nature of conveyance:

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

Execution Date: January 8, 2002

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)

10/053,202, Filed January 15, 2002

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: H. Keith Miller, Esq.

Internal Address: Harness, Dickey & Pierce, P.L.C.

Street Address: P.O. Box 828

City: Bloomfield Hills State: MI Zip: 48303

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. The Commissioner is hereby authorized to charge any additional fees that may be required or credit any overpayments to Deposit Account No. 08-0750. A duplicate copy of this sheet is enclosed.

DO NOT USE THIS SPACE

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.

Michael J. Schmidt, Esq.

Name of Person Signing

Signature

July 14, 2003

Date

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

Mail documents to be recorded with required cover sheet information to:

Director of the United States Patent and Trademark Office

P.O. Box 1450

Alexandria, VA 22313-1450

ASSIGNMENT

For valuable consideration, we

Yoichiro BAN of DENSO CORPORATION, and

Hiroaki KURAOKA of DENSO CORPORATION

of _____

of _____

hereby assign to **DENSO CORPORATION**,

a corporation (company type), organized under the laws of **Japan**,

having a place of business at **1-1 Show-cho, Kariya-city, Aichi-pref., 448-8661 Japan** and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us this day, entitled **MOBILE TERMINAL AND PROGRAM EXECUTED THEREIN**

filed _____,

assigned U.S. Serial Number _____,

and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, and design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

DATE: January 8, 2002

Yoichiro Ban

Yoichiro BAN

DATE: January 8, 2002

Hiroaki Kuraoka

Hiroaki KURAOKA

DATE: _____

DATE: _____
