

10-06-2003

Atty. Docket No.: 1163-0471P

Page 1 of 1

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To the Director of the U.S. Patent and Trademark Office:
Please record the attached original documents or copy thereof.

9.24.03

17958 U.S. P. TO
10/668997

09/24/03

1. Name of conveying party(ies):
[FAMILY NAME (ALL CAPS), Given Name]
UMEZU, Masaharu
IKEUCHI, Tomoya
MIKURIYA, Makoto
SHIMOTANI, Mitsuo
- 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** State: ZIP:
Country: **Japan** Postal Code: **100-8310**
- Additional name(s) & address(es) attached? ☐ YES ☒ NO

3. Nature of conveyance:
- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other:

Execution Date: **September 9, 2003**

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: **September 9, 2003**

- A. Patent Application No(s).

New

10668997

- B. Patent No.(s).

Additional numbers attached? ☐ YES ☒ NO

5. Name and address of party to whom correspondence concerning document should be mailed:
- Name: **BIRCH, STEWART, KOLASCH & BIRCH, LLP**
Street Address: **P.O. BOX 747**
City: **FALLS CHURCH** State: **VA** ZIP: **22040-0747**
Country: **USA**

6. Total No. of applications/patents involved: **One (1)**

7. Total fee (37 C.F.R. § 3.41): **\$40.00**

- ☒ Enclosed
☒ Authorized to be charged to deposit account,
if no fee attached.

8. Deposit account number: **02-2448**

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9. Statement and signature.

Michael K. Mutter, #29,680
Name of Person Signing/Reg. No.

Signature

#40,435

September 24, 2003

Date

Total number of pages including cover sheet, attachments, and document: **Three (3)**

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MKM/cqc

(Rev. 04/30/03)

PATENT
REEL: 014542 FRAME: 0492

ATTORNEY DOCKET NO.

1163-0471P

ASSIGNMENT

Application No. New

Filed 9-24-03

Insert Name(s) of Inventor(s) ➡ WHEREAS, Masaharu UMEZU, Tomoya IKEUCHI, Makoto MIKURIYA and Mitsuo SHIMOTANI, all residing at Tokyo, Japan

Insert Title of Invention ➡ (hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in "MAP DATA PROCESSING UNIT"

for which an application for Letters Patent of the United States of America has been executed by the undersigned

Insert Date of Signing of Application ➡ on September 9, 2003; and

Insert Name of Assignee ➡ WHEREAS, MITSUBISHI DENKI KABUSHIKI KAISHA

Insert Address of Assignee ➡ of 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 Japan

CHECK BOX IF APPROPRIATE ➡ ☐ its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and ☐ in any and all foreign countries.

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents does sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries;

and to any and all divisions, reissues, continuations and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP 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.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	<u>September 9, 2003</u>	Name of Inventor	<u>Masaharu Umezumi</u> Masaharu UMEZU (signature)
Date	<u>September 9, 2003</u>	Name of Inventor	<u>Tomoya Ikeuchi</u> Tomoya IKEUCHI (signature)
Date	<u>September 9, 2003</u>	Name of Inventor	<u>Makoto Mikuriya</u> Makoto MIKURIYA (signature)
Date	<u>September 9, 2003</u>	Name of Inventor	<u>Mitsuo Shimotani</u> Mitsuo SHIMOTANI (signature)
Date	_____	Name of Inventor	_____ (signature)
Date	_____	Name of Inventor	_____ (signature)