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To the U.S. Patents and Trademarks: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):

Keiichi MATSUZAWA
Takaki NAKAMURA
Koji SONODA

Execution Date(s) September 19, 20, 19, 2006.

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

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other .

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

Internal
Address:

Street Address: 6-6, Marunouchi 1-chome, Chiyoda-ku,
Tokyo, Japan

City: State: Zip:

Additional name(s) & address(es) attached? ☐ Yes ☒ No

113257 U.S. PTO
11/541692
100306

4. Application number(s) or patent number(s):

A. Patent Application No.(s)

☒ This document is being filed together with a new application.

B. Patent Registration No.(s)

Additional number(s) attached ☐ Yes ☒ No

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

Name: Mattingly, Stanger, Malur & Brundidge, P.C.

Address: 1800 Diagonal Road, Suite 370
Alexandria, Virginia 22314

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:

50-1417

(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.

Carl I. Brundidge

Name of Person Signing, Reg. No.: 29,621

Signature

October 3, 2006

Date

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

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

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PATENT
REEL: 018383 FRAME: 0768

ASSIGNMENT
(譲渡証)

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me citizen of Japan by Hitachi, Ltd.,
a corporation organized under the laws of Japan,
located at 6-6, Marunouchi 1-chome, Chiyoda-ku, Tokyo, Japan,
receipt of which is hereby acknowledged I do hereby sell and assign to said Hitachi, Ltd.,
its successors and assigns, all my right, title and interest, in and for the United States of America, in and to
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ATTACHED TO METADATA

invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted,
to be held and enjoyed by said Hitachi, Ltd.,
its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said Hitachi, Ltd.,

Signed on the date(s) indicated aside our signatures:

INVENTOR(S)
(発明者フルネームサイン)

Date Signed
(署名日)

1) <u>Keiichi Matsuzawa</u> Keiichi MATSUZAWA	<u>September / 19 / 2006</u>
2) <u>Takaki Nakamura</u> Takaki NAKAMURA	<u>September / 20 / 2006</u>
3) <u>Koji Sonoda</u> Koji SONODA	<u>September / 19 / 2006</u>
4) _____	_____
5) _____	_____
6) _____	_____
7) _____	_____
8) _____	_____
9) _____	_____
10) _____	_____