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Attorney Docket No. 500.45552X00

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To the Director of the U.S. Patent and Trademark Office, and to the appropriate documents or the new address(es) below.

1. Name of conveying party(ies):
Shouhei NUMATA
Tarou TAKAGI
Noriyuki SADAOKA

2. Name and address of receiving party(ies)
Name: **HITACHI, LTD.**

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

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

3. Nature of conveyance/Execution Date(s):
Execution Date(s) September 22, 2005; September 28, 2005;
September 22, 2005
 Assignment Merger
 Security Agreement Change of Name
 Joint Research Agreement
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other _____

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

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4. Application or patent numbers(s): This document is being filed together with a new application.
A. Patent Application No.(s) 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: **ANTONELLI, TERRY, STOUT & KRAUS, LLP**

Internal Address:

1300 NORTH 17TH STREET - SUITE 1800

City: **ARLINGTON** State: **VA** Zip **22209**

Phone Number: 703-312-6000
Fax Number: 703-312-6666
Email Address: email@antonelli.com

6. Total number of applications and patents involved **1**

7. Total fee (37 CFR 3.41)..... **\$40.00**
 Authorized to be charged by credit card
 Authorized to be charged to deposit account
 Enclosed
 None required (government interest not affecting title)

8. Payment Information
a. Credit Card Last 4 Numbers 1107
Expiration Date 06/06
b. Deposit account number: **01-2135**
Authorized User Name Paul J. Skwierawski

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Gregory E. Montone, Reg# 28,141
Name of Person Signing

Signature

10/27/2005
Date

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

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Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

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ASSIGNMENT (讓渡証)

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

METHOD OF INSPECTION FOR INNER DEFECTS OF AN OBJECT AND APPARATUS FOR SAME

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 abovenamed 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 signatures:

INVENTOR(S)
(発明者フルネームサイン)

Date Signed
(署名日)

1)	<u>Shouhei Numata</u> Shouhei NUMATA	<u>9/22/2005</u>
2)	<u>Tarou Takagi</u> Tarou TAKAGI	<u>9/28/2005</u>
3)	<u>Noriyuki Sadaoka</u> Noriyuki SADAOKA	<u>9/22/2005</u>
4)	_____	_____
5)	_____	_____
6)	_____	_____
7)	_____	_____
8)	_____	_____
9)	_____	_____
10)	_____	_____