



1/25/06

01-27-2006



103166149

Form PTO-1595 (Rev. 07/05) R
OMB No. 0651-0027 (exp. 6/30/2008)

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

Attorney Docket No. 520.45321X00

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

<p>1. Name of conveying party(ies): SAKAI, Masanori FUJII, Kazumi ARAKI, Kenji</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies) Name: HITACHI, LTD.</p> <p>Street Address: 6-6, Marunouchi 1-chome, Chiyoda-ku, Tokyo, Japan</p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of conveyance/Execution Date(s):</p> <p>Execution Date(s) <u>August 2, 2, 2, 2005</u></p> <p><input type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input checked="" type="checkbox"/> Other CORRECTED ASSIGNMENT - 2nd Inventor's name still had an error in the last part of his name on both the previous Cover Sheet and Notice of Recordation.</p>	

4. Application or patent numbers(s): This document is being filed together with a new application.

A. Patent Application No.(s) **11/206,967**

B. Patent Registration No.(s)

Additional number(s) attached Yes No

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: ANTONELLI, TERRY, STOUT & KRAUS, LLP</p> <p>Internal Address:</p> <p>1300 NORTH 17TH STREET - SUITE 1800</p> <p>City: ARLINGTON State: VA Zip 22209</p> <p>Phone Number: 703-312-6000 Fax Number: 703-312-6666 Email Address: email@antonelli.com</p>	<p>6. Total number of applications and patents involved 1</p> <p>7. Total fee (37 CFR 3.41)..... \$40.00</p> <p><input type="checkbox"/> Authorized to be charged by credit card <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title)</p> <p>8. Payment Information</p> <p>a. Credit Card Last 4 Numbers _____ Expiration Date <u>06/06</u></p> <p>b. Deposit account number: 01-2135</p> <p>Authorized User Name _____</p>
---	---

01/25/2006 ADANTE 00000225 11206967
01 FC:8021

(40.00 JP)

DO NOT USE THIS SPACE

Alan E. Schiavelli, Reg#32,087
Name of Person Signing

Signature

1/25/2006
Date

Total number of pages including cover sheet, attachments, and document:
Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

Form PTO-1595
(Rev. 10/02)
OMB No. 0651-0027 (exp. 6/30/2005)

08-25-2005



103068550

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

Attorney Docket No. 520.45321X00

To the Honorable Commissioner of Patents and Trademarks: Please see...

original documents or copy thereof.

8-19-05

113268 U.S. PTO
11/206967



081905

1. Name of conveying party(ies):
Masanori SAKAI
Kazumi FUJII
Kenji ARAKI

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

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

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

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

Execution Date: August 2, 2005; August 2, 2005; August 2, 2005.

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

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: August 2, 2005; August 2, 2005; August 2, 2005.
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**

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:

01-2135

(Attach duplicate copy of this page if paying by deposit account)

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.

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

Signature

08/19/2005
Date

Total number of pages including cover sheet, attachments, and document: 2
Mail documents to be recorded with required cover sheet information to:
Commissioner of Patent & Trademarks, Box Assignments
Washington, D.C. 20231

08/22/2005 NNGUYEN1 00000038 11206967
04 FC:0021
40.00 OP

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

METHOD OF CATALYTIC DECOMPOSITION OF WATER, A CATALYST THEREFOR AND APPRATUS FOR THE METHOD

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 signatures:

INVENTOR(S) (発明者フルネームサイン)	Date Signed (署名日)
1) Masanori SAKAI <u>Masanori Sakai</u>	<u>8/2/2005</u>
2) Kazumi FUJII <u>Kazumi Fujii</u>	<u>8/2/2005</u>
3) Kenji ARAKI <u>Kenji Araki</u>	<u>8/2/2005</u>
4) _____	_____
5) _____	_____
6) _____	_____
7) _____	_____
8) _____	_____
9) _____	_____
10) _____	_____