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Please record the attached original documents or copies thereof.

1. Name of conveying party(ies):  
**Hiroaki Tao, Jun Kitamoto and Kenichi Sakata**
2. Name and address of receiving party(ies):  
**NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE  
AND TECHNOLOGY  
3-1, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo, Japan**

**AGILENT TECHNOLOGIES, INC.,  
395 Page Mill Road  
Palo Alto, California 94306-0670, USA**

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

Execution Date: December 16, 2003, December 11, 2003 and December 11, 2003

4. Application number(s) or application date(s):  
If this document is being filed together with a new application, the execution date of the application is:

A. Application/Patent No. B. Application/Issue Date  
10/701,752 November 5, 2003

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

Paul D. Greeley, Esq.  
Ohlandt, Greeley, Ruggiero & Perle, L.L.P.  
One Landmark Square, 10<sup>th</sup> Floor  
Stamford, Connecticut 06901-2682 U.S.A.

6. Total No. of applications and patents involved: 1.

06/03/2004 JADD01 00000031 10701752  
02 FC:8021 40.00 GP

7. Total Fee (37 C.F.R. 3.41(h)) \$40.00/assignment.

XXXXX CUSTOMER NO.: 27623

XXXXX Enclosed

\_\_\_\_\_ Authorized to be charged to deposit account.

The Commissioner is hereby authorized to charge any additional fees under 37 C.F.R. 3.41 that may be required with this communication or credit any overpayment, to Deposit Account No. **01-0467**. A duplicate copy of this Form is enclosed.

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.

Paul D. Greeley

Name of Person Signing

Signature

5/27/05

Date

Total number of pages including cover sheet, attachments and document: 4

**PATENT**

**REEL: 015414 FRAME: 0041**

**JOINT ASSIGNMENT**

The ASSIGNORS,      **HIROAKI TAO**      **JUN KITAMOTO**  
                                 **1-1-1, HIGASHI, TSUKUBA-SHI**      **2-30-13. SEKIMAE, MUSASHINO-SHI**  
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**KENICHI SAKATA**  
                                 **2-2-5, FUJIMIDAI, KUNITACHI-SHI**  
                                 **TOKYO 186-0003, JAPAN**

have invented certain new and useful improvements in

**INDUCTIVELY-COUPLED PLASMA TORCH**

an invention which is fully described in an application for Letters Patent of the United States executed by them this day; and

The ASSIGNEES, **NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY**, an institution having its principal office at **3-1, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo, Japan**, and **AGILENT TECHNOLOGIES, INC.**, a Delaware corporation having its principal office at **395 Page Mill Road, Palo Alto, California 94306-0670 U.S.A.** wish to acquire the entire right, title and interest in and to the invention and under Letters Patent which may be obtained for this invention.

For valuable and legally sufficient considerations, receipt of which are hereby acknowledged, the Assignors sell, assign and transfer to Assignees, its successors and assigns, the entire right, title and interest for the United States in and to the above-identified invention and application, divisionals, continuations, and continuation-in-part and for the full term of any Letters Patent of the United States that may issue for the invention.

The Assignors also sell, assign and transfer to Assignees the entire right, title and interest in and to the invention and application for Letters Patent and Letters Patent therefor in all countries foreign to the United States, including all rights under the International Convention. The Assignors further authorize Assignees to apply for Letters Patent in foreign countries in the name of Assignees, and to claim the priority of the filing date of the United States Application under the provisions of the International Convention.

The Assignors further agree, for themselves and their legal representatives, they will assist Assignees in the prosecution before the United States Patent Office and the Federal Courts of this application, and other applications for Letters Patent including renewals, continuations, divisions, reissues and substitutions, that the Assignees elect to make covering the invention. The Assignors vest in Assignees like exclusive title in and to all such other applications and Letters Patent. The Assignors will execute and deliver to Assignees any documents which may be requested by Assignees to carry out the terms of this Assignment.

The Commissioner of Patents of the United States is authorized and requested to issue Letters Patent of the United States to Assignees. The Assignors also authorize and request the equivalent authorities in foreign countries to issue the patents of foreign countries to Assignees.

Date: Dec. 16, 2003

日尾博明  
By: Hiroaki Tao

中里哲也  
Witness Tetsuya NAKAZATO

Date: Dec. 11, 2003

北本 淳  
By: Jun Kitamoto

平野 一司  
Witness Kazushi HIRANO

Date: Dec. 11, 2003

阪田 健一  
By: Kenichi Sakata

松田 敏明  
Witness Toshiaki MATSUDA