IAPO1Rec'd PCT 30 JUL 20 08-03-2010 Form PTO OMB No. 0651 M COVER SHEET 2/735598 3 ONLY 103603512 To the Dire record the attached documents or the new address(es) below. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies) Toshio Kazama (07/21/2010), Kohei Hironaka NHK Spring Co., Ltd. (07/21/2010), and Shigeki Ishikawa (07/19/2010) Internal Address: Additional name(s) of conveying party(ies) attached? x No Street Address: 3. Nature of conveyance/Execution Date(s): 3-10, Fukuura, Kanazawa-ku Yokohama-Shi Kanagawa Execution Date(s): in parentheses after inventor name 236-0004 JAPAN Change of Name x Assignment Merger Security Agreement Joint Research Agreement City: Government Interest Assignment State: Executive Order 9424, Confirmatory License Zip: Country: Additional name(s) & address(es) Other attached? x This document is being filed together with a new application. 4. Application or patent number(s) A. Patent Application No.(s) B. Patent No.(s) numbers attached? Yes 5. Name and address to whom correspondence 6. Total number of applications and concerning document should be mailed: patents involved: Name: James E. Armstrong, IV **EDWARDS ANGELL PALMER & DODGE** 7. Total fee (37 CFR 1.21(h) & 3.41) 40.00 Internal Address: Atty. Dkt.: 86903(302753) Street Address: 1875 Eve Street, NW Authorized to be charged to deposit account X Enclosed None required (government interest not affecting title) Washington City: 8. Payment Information 20006 State: Zip: (202) 478-7375

Deposit Account Number

DC 278802.1

Phone Number:

Fax Number:

Email Address: 9. Signature:

(866) 658-1050

Werker

jarmstrong@eapdlaw.com

William L. Brooks - 34,129

Name of Person Signing

PATENT REEL: 024787 FRAME: 0192

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Authorized User Name James E. Armstrong, IV

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Total number of pages including cover sheet, attachments, and documents:

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U.S. ASSIGNMENT

| IN CONSIDERATION of the sum of One De inventor(s) (hereinafter, "ASSIGNOR") by | onar (\$1.00), a | and of other good and value | ble consideration paid to the undersigned |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| (Insert Name(s) & Address(es) of ASSIGNEE(S)) NHK SPRING CO., LTD. | | | |
| , | | 16 | |
| 3-10, Fukuura, Kanazawa-ku, Yoko | onama-snı, | Kanagawa 236-0004 | Japan |
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| (hereinafter, "ASSIGNEE"), the receipt of which is ASSIGNEE the entire and exclusive right, title and (Title of Invention) | | | IGNOR hereby sells, assigns and transfers to |
| PROBE UNIT | | | |
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| relating to International Patent Application PCT/Jexecuted on even date herewith or, if not so execut | | 999 and/or for which application | on for Letters Patent of the United States was |
| (a) executed on | | (Insert date of execution of a | pplication, if not concurrent) |
| (b) filed on | , i | | |
| Serial No/ | | Assignee's attorney is he data, when known. | reby authorized to insert in (b) the specified |
| | , | Land, William Land William | |
| and to said application and all Letters Patent(s) of t substitute, reissue or reexamination application bas- including any extensions thereof (collectively, here | ed thereon, for | the full term or terms for which | the said Letters Patent(s) may be granted and |
| The ASSIGNOR agree(s), when requested by so which the ASSIGNEE may deem necessary, desiral including in the preparation and prosecution of said reexamination, or public use proceeding, and in any acts to include but not be limited to executing all posworn testimony, and obtaining and producing evidence. | able or expedication(s) d application(s) y litigation or or papers, includin | nt, for securing, maintaining a) and the issuance of said Lette ther legal proceeding which ma | nd enforcing protection for said invention, rs Patent(s), in any interference, reissue, ry arise or be declared in relation to same, such |
| IN WITNESS WHEREOF, the undersigned inv | entor(s) has (h | ave) affixed his/her/their signa | ture(s). |
| 1) Toshio kasama (Signature) | То | shio KAZAMA | July 2/ 2010 |
| (Signature) | Ko | <i>(Type Name)</i> hei HIRONAKA | (Date) |
| (Signature) | | (Type Name) | (Date) |
| 3) Shizeki Ishikawa | Sh | igeki ISHIKAWA | July 19, 2010 |
| (Signature) | | (Type Name) | (Date) |
| 4)(Signature) | | (Type Name) | (Date) |
| 5) | | Chara Name | (D-t-) |
| (Signature) | | (Type Name) | (Date) |

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