PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------|----------------|
| Ryousuke SHIGEMI | 01/11/2007 |
| Toshimi YOKOTA | 01/15/2007 |
| Kenji ARAKI | 01/16/2007 |
| Shouzou KOMATSU | 01/11/2007 |
| Chikara TAKEUCHI | 01/18/2007 |

RECEIVING PARTY DATA

| Name: | Hitachi, Ltd. | |
|-----------------|-------------------------|--|
| Street Address: | 6-6, Marunouchi 1-chome | |
| City: | Chiyoda-ku, Tokyo | |
| State/Country: | JAPAN | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|------------------------------|--------|
| Application Number: 11623378 | |

CORRESPONDENCE DATA

Fax Number: (703)312-6666

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 703-312-6600

Email: amathis@antonelli.com

Correspondent Name: Antonelli, Terry, Stout & Kraus

Address Line 1: 1300 North 17th Street

Address Line 2: Suite 1800

Address Line 4: Arlington, VIRGINIA 22209

| ATTORNEY DOCKET NUMBER: | 520.47032X00 |
|-------------------------|--------------|
| NAME OF SUBMITTER: | Melvin Kraus |

PATENT REEL: 019135 FRAME: 0392

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Total Attachments: 2

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PATENT REEL: 019135 FRAME: 0393

| (Rev. 10/02) OMB No. 0651-0027 (exp. 6/30/2005) | PATENTS ONLY | U.S. Patent and Trademark Office |
|---|---|--|
| , , | | Attorney Docket No. 520.47032X00 |
| To the Honorable Commissioner of Patents a | nd Trademarks: Please record the at | ttached original documents or copy thereof. |
| Name of conveying party(ies): Ryousuke SHIGEMI, Toshimi YOKOTA, Kenji ARA KOMATSU, Chikara TAKEUCHI | KI, Shouzou 2. Name and ac Name: Hita | ddress of receiving party(ies) achi, Ltd. |
| Additional name(s) of conveying party(ies) attached | d? ☐ Yes ☒ No Street Addre | ess: 6-6, Marunouchi 1-chome Chiyoda-ku, Tokyo, Japan |
| 3. Nature of conveyance/ Execution Date: Janua January 15, 2007, January 16, 2007, January 18, 2007. | | Zip: |
| | of Name | r(s) & address(es) attached? ☐ Yes 🏻 No |
| Application number(s) or patent number(s): | ☐ This document | is being filed together with a new application. |
| A. Patent Application No.(s) | B. Patent Reg | istration No.(s) |
| 11/623,378 | | |
| | ional number(s) attached 🗌 Yes 🛛 | No |
| Name and address of party to whom correspond concerning document should be mailed: | 6. Total number | of applications and patents involved 1 |
| Name: ANTONELLI, TERRY, STOUT & K | Authorize | CFR 3.41)\$ 40.00 ed to be charged by credit card |
| Internal Address: | ☐ Enclosed | ed to be charged to deposit account I puired (government interest not affecting title) |
| 1300 NORTH 17 TH STREET – SUITE 180 | 0 | |
| City: ARLINGTON State: VA Zip 22209 Phone Number: (703) 312-6600 Facsimile Number: (703) 312-6666 Email Address: email@antonelli.com | | ormation: Last 4 numbers: 1040 Expiration date: 06/10 unt number: 01-2135 |
| | Authorized Hea | er Name: Donald E. Stout |
| | DO NOT USE THIS SPACE | r Harris, Dorlaid E. Stout |
| 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. | | |
| Melvin Kraus, Reg#22,466 | /Melvin Kraus/ | 04/09/2007 |
| Name of Person Signing | Signature | Date |
| Total number of p | pages including cover sheet, attachments, | and document: 2 |

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

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

CABLE CONNECTION GUIDING METHOD AND APPARATUS FOR IMPLEMENTING METHOD THEREOF

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:

RECORDED: 04/09/2007

| INVENTOR(S) (発明者フルネームサイン) | Date Signed (署名日) | |
|---------------------------------------|----------------------|--|
| 1) Ryousuke SHIGEMI - Lyvenke Shigemi | 1/11/2007 | |
| 2) Toshimi YOKOTA Joshimi Gokota | 1/15/2007 | |
| 3) Kenji ARAKI Kenji Azaki | 1/16/2007 | |
| 4) Shouzou KOMATSU Shouzou Komatsu | 1/11/2007 | |
| 5) Chikara TAKEUCHI Chikara Takeuchi | 1/18/2007 | |
| 6) | | |
| 7) | | |
| 8) | | |
| 9) | | |
| 10) | | |

PATENT REEL: 019135 FRAME: 0395