

**PATENT ASSIGNMENT**

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

**CONVEYING PARTY DATA**

| Name               | Execution Date |
|--------------------|----------------|
| Yoshihiro FUJIMOTO | 08/05/2010     |
| Katsuya SAKAMOTO   | 08/05/2010     |
| Tatsushi FUJIMORI  | 07/30/2010     |
| Hajime IZAWA       | 07/28/2010     |
| Hiroyuki OSAWA     | 08/06/2010     |
| Takashi MURASHIMA  | 08/17/2010     |
| Kikuo HASHIMOTO    | 08/17/2010     |

**RECEIVING PARTY DATA**

|                 |                                     |
|-----------------|-------------------------------------|
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| City:           | Tokyo                               |
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| Postal Code:    | 100-8322                            |

|                 |  |
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| Name:           | JAPAN AGENCY FOR MARINE-EARTH SCIENCE AND TECHNOLOGY |
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**PROPERTY NUMBERS Total: 1**

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 12918687 |

**CORRESPONDENCE DATA**

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OP \$40.00 12918687

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Total Attachments: 4

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## Assignment of Application

WHEREAS, I (WE)

INSERT NAMES  
AND RESIDENCE  
ADDRESS OF  
THE INVENTORS:

Yoshihiro FUJIMOTO of c/o Furukawa Electric Co., Ltd., 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8322 JAPAN,  
Katsuya SAKAMOTO of c/o Furukawa Electric Co., Ltd., 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8322 JAPAN,  
Tatsushi FUJIMORI of c/o Osaka Research Center, Teijin Limited, 4-1, Minohara 3-chome, Ibaraki-shi, Osaka 567-0006 JAPAN,  
Hajime IZAWA of c/o Osaka Research Center, Teijin Limited, 4-1, Minohara 3-chome, Ibaraki-shi, Osaka 567-0006 JAPAN,  
Hiroyuki OSAWA of c/o Japan Agency for Marine-Earth Science and Technology, 2-15, Natsushima-cho, Yokosuka-shi, Kanagawa 237-0061 JAPAN,  
Takashi MURASHIMA of c/o Japan Agency for Marine-Earth Science and Technology, 2-15, Natsushima-cho, Yokosuka-shi, Kanagawa 237-0061 JAPAN, and  
Kikuo HASHIMOTO of c/o Japan Agency for Marine-Earth Science and Technology, 2-15, Natsushima-cho, Yokosuka-shi, Kanagawa 237-0061 JAPAN, respectively,

have invented certain new and useful improvements in:

INSERT TITLE  
OF INVENTION:

HIGH-STRENGTH CABLE

( Application No. 12/918,687 , filed August 20, 2010)

WHEREAS,

INSERT NAMES  
AND ADDRESS OF  
COMPANY OR  
OTHER ASSIGNEE:

(1) FURUKAWA ELECTRIC CO., LTD.

(2) JAPAN AGENCY FOR MARINE-EARTH SCIENCE AND TECHNOLOGY

(hereinafter referred to as "ASSIGNEES") having a place of business at; (1) 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8322 JAPAN, (2) 2-15, Natsushima-cho, Yokosuka-shi, Kanagawa 237-0061 JAPAN, respectively, are desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefor in the United States and its territorial possessions and in any and all foreign countries.

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEES, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEES as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEES, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEES or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEES, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, L.L.P. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: AUGUST 5, 2010

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(Signature of Inventor) Yoshihiro FUJIMOTO

Date: AUGUST 5, 2010

*Katsuya Sakamoto*  
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Date: JULY 30, 2010 Tatsushi Fujimori  
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Date: JULY 28, 2010 Hajime IZAWA  
(Signature of Inventor) Hajime IZAWA

Date: AUGUST 6, 2010 *Hiroyuki Osawa*  
(Signature of Inventor) Hiroyuki OSAWA

Date: AUGUST 17, 2010 *Takashi Murashima*  
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Date: AUGUST 17, 2010 *Kikuo Hashimoto*  
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