PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2894192

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
MITSUBISHI MATERIALS CORPORATION	06/05/2014

RECEIVING PARTY DATA

Name:	MITSUBISHI CABLE INDUSTRIES, LTD.		
Street Address:	4-1 MARUNOUCHI 3-CHOME		
City:	TOKYO		
State/Country:	JAPAN		
Postal Code:	100-8303		

PROPERTY NUMBERS Total: 3

Property Type	Number	
Patent Number:	8432319	
Patent Number:	8525736	
Patent Number:	D652026	

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Email: Idavis@cdfslaw.com

Correspondent Name: CARTER, DELUCA, FARRELL & SCHMIDT LLP

Address Line 1: 445 BROADHOLLOW ROAD

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ATTORNEY DOCKET NUMBER:	1687-10PCTUS	
NAME OF SUBMITTER:	LINDA M. DAVIS	
SIGNATURE:	/linda m. davis/	
DATE SIGNED:	06/11/2014	

Total Attachments: 4

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PATENT REEL: 033079 FRAME: 0831

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ASSIGNMENT

WHEREAS, MITSUBISHI MATERIALS CORPORATION (hereinafter, the "Assignor"), a corporation organized under and pursuant to the laws of Japan, the owner of a fifty percent (50%) right, title and interest in and to the patents and patent applications listed in Schedule A attached hereto and incorporated herein; and

WHEREAS, MITSUBISHI CABLE INDUSTRIES, LTD., a corporation organized under and pursuant to the laws of Japan having its principal place of business at 4-1 Marunouchi 3-chome, Tokyo, 100-8303, JAPAN (hereinafter referred to as Assignee), is desirous of acquiring said patents and patent applications listed in Schedule A.

WHEREAS, Assignor hereby conveys and assigns to the Assignee, and the successors, assigns and legal representatives of the Assignee, and Assignee hereby accepts from Assignor, Assignor's entire right, title and interest in and to said patents and patent applications listed in Schedule A, including the right to sue for present, past and future infringement, in the United States, its territorial possessions, and in all foreign countries, including all treaty and convention rights in and to said patents and patent applications listed in Schedule A.

WHEREAS, Assignor represents and warrants to Assignee that:

- (a) Assignor has the right, power and authority to enter into this Assignment;
- (b) Assignor is co-owner of all right, title and interest, including all intellectual property rights, in said patents and patent applications listed in Schedule A;
- (c) The patents and patent applications listed in Schedule A are free of any liens, security interests, encumbrances or licenses;
- (d) There are no claims, pending or threatened, with respect to Assignor's rights in said patents and patent applications listed in Schedule A;
- (e) This Assignment is valid, binding and enforceable in accordance with its terms; and
- (f) Assignor is not subject to any agreement, judgment or order inconsistent with the terms of this Assignment.

1716-124-PCT US

NOW THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, Assignor does hereby irrevocably assign, sell and transfer unto the Assignee, all of its right, title and interest in and to said patents and patent applications listed in Schedule A in the United States and all jurisdictions outside the United States (including, all divisional, continuation, continuation-in-part, substitute, renewal, reissue, re-examinations, and all other applications for patent which have been or shall be filed in the United States, including all provisional and non-provisional applications, and all foreign countries relating to such patents and patent applications; all original and reissued or re-examined patents which have been or shall be issued in the United States and all foreign countries for such patents and patent applications; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on the patents and patent applications, and any priority right that may arise from said patents and patent applications listed in Schedule A), the same to be held and enjoyed by Assignee as fully and entirely as said interest could have been held and enjoyed by Assignor had this sale, assignment, transfer and conveyance not been made. Assignor authorizes the Commissioner of Patents of the United States and other empowered officials of the United States Patent and Trademark Office and in any applicable jurisdictions outside the United States to record the transfer ownership of the patents and patent applications set forth on Schedule A to Assignee as assignee of Assignor's entire right, title and interest therein. Assignor agrees to further execute any documents reasonably necessary to effect this assignment or to confirm Assignee's entire right, title and interest in and to said patents and patent applications listed in Schedule A.

This assignment by Assignor to Assignee of its entire right, title and interest in and to said patents and patent applications listed in Schedule A, shall be effective as of the date hereof.

This Assignment contains the entire understanding between the parties hereto with respect to its subject matter and supersedes any prior or contemporaneous written or oral assignments, representations or warranties between them respecting the subject matter hereof.

This Assignment may be amended only by a writing signed by both parties.

If any term, provision, covenant or condition of this Assignment, or the application thereof to any person, place or circumstance, shall be held by a court of competent jurisdiction to

PATENT REEL: 033079 FRAME: 0833 be invalid, unenforceable or void, the remainder of this Assignment and such term, provision, covenant or condition as applied to other persons, places and circumstances shall remain in full force and effect.

Assignor agrees to perform any further acts and execute and deliver any documents that may be reasonably necessary to carry out the provisions of this Assignment.

Date: June 5, 2014 Signature:

Name:

Hiroshi Yao

Title:

President MITSUBISHI MATERIALS

CORPORATION

ACCEPTED:

MITSUBISHI CABLE INDUSTRIES, LTD.

Date:

May 23, 2014 Signature: M. Yoshiolca

Michihiko Yoshioka Name:

Title: General Manager, Management & Planning Dept., Technology & Development

Division

SCHEDULE A

Serial No./Patent No.	Filing/Issue Date	Title	Our Docket No.
8,432,319	06/16/2011	ANTENNA	1687-10PCTUS
		DEVICE	(SGHP-008US)
8,525,736	08/05/2010	ANTENNA	1687-5PCTUS
		DEVICE	(SGHP-001US)
D652026	01/10/2012	ANTENNA	1687-4
			(SGH3-001US)

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