505100716 09/19/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MITSUI CHEMICALS, INC.	09/18/2018

RECEIVING PARTY DATA

Name:	MURATA MANUFACTURING CO., LTD.	
Street Address:	10-1, HIGASHIKOTARI 1-CHOME	
City:	NAGAOKAKYO-SHI, KYOTO	
State/Country:	JAPAN	
Postal Code:	617-8555	

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	14764514
Application Number:	15026050

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.

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ATTORNEY DOCKET NUMBER:	1003510-229 & 240
NAME OF SUBMITTER:	BRITTANY J. SEARS
SIGNATURE:	/Brittany J. Sears/
DATE SIGNED:	09/19/2018

Total Attachments: 1

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REEL: 046905 FRAME: 0979

PATENT

ASSIGNMENT

THIS ASSIGNMENT, by **MITSUI CHEMICALS, INC.**, a corporation of Japan having its principal place of business at 5-2, Higashi-Shimbashi 1-chome, Minato-ku, Tokyo, 105-7117 Japan (hereinafter referred to as "the Assignor"), witnesseth:

WHEREAS, the Assignor is the co-owner of certain new and useful improvements set forth in 1) U.S. Patent Application No. 14/764,514, entitled DISPLAY DEVICE AND LAMINATED OPTICAL FILM, by Assignment recorded in the U.S. Patent and Trademark Office on Reel 036211/frame 0987; and 2) U.S. Patent Application No. 15/026,050, entitled PRESSURE-SENSING DEVICE AND PRESSURE-SENSING TOUCH PANEL, by Assignment recorded in the U.S. Patent and Trademark Office on Reel 038138/frame 0681; and

WHEREAS, **MURATA MANUFACTURING CO., LTD.**, a corporation duly organized under and pursuant to the laws of Japan and having its principal place of business at 10-1, Higashikotari 1-chome, Nagaokakyo-shi, Kyoto 617-8555 Japan (hereinafter referred to as "the Assignee"), is desirous of acquiring, and does hereby acquire, the entire right, title, and interest by Assignor in and to 1) U.S. Patent Application No. 14/764,514 and 2) U.S. Patent Application No. 15/026,050 (hereafter referred to as said patent applications).

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignor has sold, assigned, transferred, and set over, and by these presents does sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns its entire right, title, and interest in and to said patent applications, and any and all Letters Patent or Patents of the United States of America that may be granted therefore and thereon, and in and to any and all applications claiming priority to said patent applications, divisions, continuations, and continuations-in-part of said patent applications, and reissues and extensions of said Letters Patent or Patents, the same to be held and enjoyed by the Assignee, for their own use and behoof and the use and behoof of their successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made;

AND for the same consideration, the Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignor is a joint and lawful owner of the entire right, title, and interest in and to said patent applications, and that the same are unencumbered, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that the Assignor will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said patent applications, and any and all Letters Patent or Patents of the United States of America that may be granted therefore and thereon, and in and to any and all applications claiming priority to said patent applications, divisions, continuations, and continuations-in-part of said patent applications, and reissues and extensions of said Letters Patent or Patents obtained or to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns.

MITSUI CHEMICALS, INC.

Date: Sep. 18th, 2018

Yoshihiro Yamamoto

Title: General Manager, Intellectual Property Division

RECORDED: 09/19/2018