FORM PTO-1595 (Rev. 6/93)

05-18-1998

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

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100712347 Attorney's Docket No. 018976-053 To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Hidekazu KITAMURA Name: Murata Manufacturing Co., Ltd Address: 26-10, 2-Chome, Tenjin Additional name(s) of conveying party(ies) attached? [] Yes [X] No Nagaokakyo-shi, Kyoto 617 -3. Nature of conveyance: [X] Assignment] Merger [] Security Agreement [] Change of Name Other: _ Additional name(s) & address(es) attached? [] Yes [X] No Execution Date: 28 April 1998 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: 28 April 1998 B. Patent No.(s) A. Patent Application No.(s) Additional numbers attached? [] Yes [X] No 6. Total number of applications and patents involved: _-1-5. Name and address of party to whom correspondence concerning document should be mailed: Name: Platon N. Mandros 7. Total fee (37 CFR 3.41): \$40.00 Address: Burns, Doane, Swecker & Mathis, L.L.P. [X] Enclosed P.O. Box 1404 [X] Authorized to be charged to deposit account, if necessary Alexandria, Virginia 22313-1404 8. Deposit account number: 02-4800 DO NOT USE THIS SPACE Statement and signature. To the best of my knowledge and belief, the foregoing information attached copy for true copy of the original document. Charles F. Wieland III Name of Person Signing May 11, 1998 Date

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks Box Assignments
Washington, D.C. 20231

> PATENT REEL: 9166 FRAME: 0437

Total number of pages including cover sheet, attachments, and document: -3-

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018976-053 Attorney's Docket No.

ASSIGNMENT

(SOLE)

THIS ASSIGNMENT, by <u>HIDEKAZU KITAMURA</u>, residing at <u>SAGAMIHARA-SHI, KANAGAWA-KEN, JAPAN</u> (hereinafter referred to as "the Assignor"), witnesseth:

	WHE	REA	AS, ti	he A	Assigno	or has	inve	nted	certain	new	and	useful	impro	vem	ents	in
AMINA	TED (COM	MON	<u>-MO</u>	DE CH	OKE C	OIL se	t for	th in an	applic	ation	, 🗆 wh	ich is a	pro	visior	ıal
applicatio	n to	be	filed	here	with;	□ wh	ich is	a no	n-provi	sional	applic	cation	having	an /	oath	or
declaratio	ın exe	ecut	ed on	978	date	herewi	th pric	r to f	iling of	applica	ation;	🗆 beari	ng App	licat	tion N	lo.
						, and	filed o	n				;	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 <u>26-10, 2-CHOME. TENJIN, NAGAOKAKYO-SHI, KYOTO 617 - JAPAN</u> (hereinefter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other 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 the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said application, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its 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 the sole and lawful owner of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, 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

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advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents 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 for said inventions, 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;

AND the Assignor hereby authorizes and requests the attorneys of Burns, DOANE, SWECKER & MATHIS, L.L.P. of Alexandria, Virginia to insert in the spaces provided above the filing date, application number, and attorney docket number of said application when known.

AND the Assignor hereby requests the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee, as the Assignee of said inventions and the Letters Patent to be issued thereon for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Date 28 APRIL 1998 Signer

_ Signature of Assignor

Hidekazu KITAMUNA

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