U.S. PATENT AND TRADEMARK OFFICE

Atty Docket: 36856.357

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REC: 101	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original Name of conveying party(ies): Takaomi TOI and Koki SASAKI	
Additional name(s) of conveying party(ies) attached? ☐ yes 图no	Name and address of receiving party(ies): (2a.) Name: Murata Manufacturing Co., Ltd. Address: 26-10 Tenjin 2-chome, Nagaokakyo-shi, Kyoto-fu 617-8555, Japan
3. Name of Conveyance: Assignment Merger Security Agreement Change of Name Other Execution Date: September 14 and 19, 2000	(2b.) Name
4. Application number(s) or patent number(s):	
If this document is being filed together with a new application, the execution	n date of the application is:
A. Patent Application No.(s) 09/648,168	B. Patent No.(s)
Additional numbers attached □ yes •□no	
Name and address of party to whom correspondence concerning document should be mailed: Name: Joseph R. Keating, Esq. Internal Address: KEATING & BENNETT LLP Street Address: 10400 Eaton Place, Suite 312 City: Fairfax State: VA ZIP 22030	7. Total fee (37 CFR 3.41):\$ 40.00 Enclosed Authorized to be charged to credit card with Credit Card Payment Form (PTO-2038) Authorized to be charged to deposit account 8. Deposit account number: 50-1353
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Mail documents to be recorded with required cover sheet information to: Assistant Comm Box A	Date

PATENT REEL: 011423 FRAME: 0829

Attorney Docket No.: 36856.357

ASSIGNMENT (WORLDWIDE)

WHEREAS, We, Takaomi TOI and Koki SASAKI (hereinafter referred to as ASSIGNOR), have invented and own a certain invention entitled COIL DEVICE AND METHOD FOR MANUFACTURING THE SAME for which application for Letters Patent of the United States has been		
	executed on even date herewith; filed on	as Serial No
WHEREAS, Murata Manufacturing Co., Ltd., 26-10, Tenjin 2-chome, Nagaokakyoshi, Kyoto-fu 617-8555 JAPAN (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and the United States Letters Patent to be obtained therefor;		
NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the full and exclusive right, title and interest to the said invention and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted; and all Letters Patent and applications therefor through the world, including all the rights accruing by virtue of the International Convention for the Protection of Industrial Property.		
ASSIC been or will b	GNOR hereby covenants that no associate made or entered into which would	ignment, sale, agreement or encumbrance has described the conflict with this assignment and sale;
ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.		
Dated: Sep	otember 14, 2000 Ta	Takgomi Toi kaomi TOI
Dated:	September 19, 2000 Ko	<u>Koki Sasaki</u> ki SASAKI

RECORDED: 12/29/2000

PATENT REEL: 011423 FRAME: 0830