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Form PTO-1595 1-31-92	09-21-	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
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To the Honorable Commissioner of Patents and Trademarks: Please 1000000000000000000000000000000000000	101851	1130_,
Name of conveying party(ies): Takaaki Oi		2. Name and address of receiving party(ies):
Additional name(s) of conveying party(ies) attached?	'es ⊠no	Name: <u>Murata Manufacturing Co., Ltd.</u> Address: <u>26-10 Tenjin 2-chome, Nagaokakyo-shi, Kyoto-fu 617-8555,</u> <u>Japan</u>
3. Name of Conveyance:		(2b.) Name Address: Additional pame(a) & address(as) attached? Fives Fine
Charge of Name Other Execution Date: September 12, 2001		Additional name(s) & address(es) attached? □yes 図no
4. Application number(s) or patent number(s): 09/911,026	!5	
If this document is being filed together with a new application	on, the execution	date of the application is:
A. Patent Application No.(s) 09/911,025		B. Patent No.(s)
Addition	onal numbers atta	ched □ yes •□no
Name and address of party to whom correspondence of 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	concerning	7. Total fee (37 CFR 3.41):\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
		8. Deposit account number: 50-1353
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Mail documents to be recorded with required cover sheet in	sistant Commis Box Ass	sioner for Patents ignment

PATENT REEL: 012173 FRAME: 0026

Attorney Docket No.: 36856.533

ASSIGNMENT (WORLDWIDE)

TO

WHEREAS, I Takaaki OI (hereinafter ref	ferred to as ASSIGNOR), have invented and
own a certain invention entitled CHOKE COIL	for which application for Letters Patent of the
United States has been	

-	executed on even date herewith;	
XX	filed on July 23, 2001	as Serial No. 09/911,025

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.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would 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: 9/12/2001	Takaaki Oi
	Takaaki OI

PATENT
RECORDED: 09/14/2001 REEL: 012173 FRAME: 0027