ſ	12-14-1998	
	Copy of Form PTO-	EET U.S. DEPARTMENT OF COMMERCE
	(Rev. 6-93) <i>TO THE HONO</i>	Patent and Trademark Office /TS AND TRADEMARKS:
L D.	Ple 1009197	
×1	1. Name of conveying party(ies):	2. Name and address of receiving party(ies):
<i>M</i> /	Yoshio HANATO	Name: MURATA Manufacturing Co., Ltd.
	THE REPORT OF A 3 1998 N	Internal Address:
Ŵ	Individual(s) ■Association	Street Address: 26-10, Tenjin 2-chome
	The Deapert PHON	Nagaokakyo-shi, Kyoto-fu, JAPAN
	⊠Individual(s) □Association	State: Zip: 617-8555
	General Partnership	Individual(s) citizenship
N	Corporation-State Partnership	
	Other	General Partnership
	Additional name(s) of conveying parties attached?	Limited Partnership
		Corporation- Japanese
7	3. Nature of Conveyance:	Other
	Assignment Merger	
	Security Agreement Change of Name	Additional name(s) & address(es) attached? ∐Yes ⊠No
	Execution Date: November 12, 1998	
	4. Application number(s) or Patent number(s):	
	A. Patent Application No.(s) 09/164,712	B. Patent No.(s)
	Additional numbers attached ? TYes No	
	5. Name and address of party to whom	6. Total number of applications and registrations
	correspondence concerning document should be	involved:
	mailed:	1
	Joseph R. Keating	
	Intellectual Property Department	7. Total fee (37 CFR 3.41): \$40.00
	GRAHAM & JAMES, LLP	\boxtimes Enclosed, and
	885 Third Avenue	We authorize any deficiency to be charged to
	New York, New York 10022-4834	deposit account: 8. Deposit account number: 07-1855
	Telephone: (212) 848-1000	(A duplicate copy of this page is attached.)
	9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Name of person signing:	
	Joseph R. Keating, Esq. November 25, 1998	
	Reg. No. 37,368SignatureDated	
Total number of pages including cover sheet, attachments, and document: 2		
2/08/1998 NPEOPLES 0000016 09164712		
01 FC:581	40.00 Commissioner of Patents and Trademarks Box Assignments	
	Washington, D.C. 20231	
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Attorney Docket No.: 36856.145

ASSIGNMENT (WORLDWIDE)

WHEREAS, we, Yoshio HANATO and Tetsuya MORINAGA (hereinafter referred to as ASSIGNOR), have invented and own a certain invention entitled WIRE-WOUND CHIP INDUCTOR for which application for Letters Patent of the United States has been

executed on even date herewith; X filed on Oct. 1, '98 as Serial No. 09/164,712

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: november 12, 1998

Dated: November 12, 1998

Tetuya Morinaga Tetsuya MORINAGA

<u>Yoshio Hanato</u> Voshio HANATO

511/48483.01 091698/1636/36856.00005

RECORDED: 12/03/1998

PATENT REEL: 9628 FRAME: 0127