01-31-2000

PATENT ONLY

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To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof

2. Name and address of receiving party(ies): Name: Matsushita Electric Industrial Co., Ltd. Internal Address: Street Address: 1006, Oaza Kadoma, Kadoma-shi City: Osaka State: Japan ZIP: 571 Additional name(s) & address(es) attached? YES NO
ation, the execution date of the application is: B. Patent Number(s)
6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 3.41): \$ 40
Enclosed Authorized to be charged to deposit account 8. Deposit account number: 18-0350
(Attach duplicate copy of this page if paying by deposit account.)
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No legalization required

<u>ASSIGNMENT</u>

WHEREAS, the ASSIGNOR, comprising the following named inventor(s)

	Inventor(s)
ASSIGNOR(s)/ INVENTOR(s)	1. Takahiro Nishimura 2. Tetsuya Fukuda
	3. Hiroshi Matsui 4.
	has made an invention entitled: ROTARY TYPE ELECTRONIC COMPONENT AND MANUFACTURING METHOD OF THE SAME
	and has executed an application for Letters Patent of the United States concurrently herewith;
	WHEREAS, the ASSIGNEE
ASSIGNEE	Matsushita Electric Industrial Co., Ltd.
(Full Name and address)	1006, Oaza Kadoma, Kadoma-shi, Osaka, 571 Japan

is desirous of acquiring the entire interest in and to said invention and the Letters Patent to be obtained therefor,

NOW, THEREFORE, in consideration of the payment by ASSIGNEE to ASSIGNOR of a sum corresponding to One Dollar (\$1.00), and for other good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR, intending to be legally bound, hereby sells, assigns and transfers to ASSIGNEE, its successors and assigns the full and exclusive right, title and interest in and to said invention, all applications for Letters Patent for said invention, including all divisions and continuations thereof, all rights to claim priority based thereon, and all Letters Patent, including reissues, to be obtained therefor, including any and all foreign patent rights in this invention corresponding thereto.

ASSIGNOR hereby warrants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

PATENT REEL: 010505 FRAME: 0021 ASSIGNOR agrees it shall be legally bound, upon request of the ASSIGNEE or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the ASSIGNOR has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the ASSIGNEE, and to execute all instruments proper to carry out the intent of this instrument.

If the invention requires a biological deposit, ASSIGNOR also grants to ASSIGNEE such control over any deposit made by ASSIGNOR as may be necessary to the validity of the patent rights assigned herein.

ASSIGNOR authorizes ASSIGNOR's attorney to insert at the end hereof the serial number and filing date of the aforesaid application for United States Letters Patent and/or the Attorney docket or file designation for this application.

If the ASSIGNOR includes more than one individual, these obligations shall apply to these individuals both individually and collectively.

IN WITNESS WHEREOF, this Assignment is executed on the day indicated below.

	(Typed or Printed Name)	(Signature)	(Date)
SIGNATURE	1. Takahiro Nishimura	Takahira Kishimuna	December 10, 1999
	2. Tetsuya Fukuda	Tetanya Tukuda	December 10, 1999
	3. <u>Hiroshi Matsui</u>	Hiroshi Matemi	<u>December 10, 1999</u>
	4		
	Application for United States	s Letters Patent	
	Serial No. 09/426,274	Filed October	<u>25, 19</u> 99
	Attorney Docket No.	MAT-V07840	

PATENT RECORDED: 01/03/2000 | REEL: 010505 FRAME: 0022