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Wataru HIDESE and Yusuke YAMAMOTO	Name: Matsushita Electric Industrial Co., Ltd.			
Additional name(s) of conveying party(ies) attached? No	Reet Address: 1006, Oaza Kadoma,			
3. Nature of conveyance:	Kadoma-shi, Osaka, 571-8501 Japan			
X Assignment Merger APR Security Agreement Change of Name Other	Additional name(s) & address(es) attached? No			
Execution Date: January 31, 2000	ARK OTT			
4. Application number(s) or patent number(s):				
If this document is being filed together with a new applicatio	\$			
A. Patent Application No.(s) 09/455,459	B. Patent No.(s) , issued			
Additional number	• •			
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1			
Name: <u>WENDEROTH, LIND & PONACK, L.L.P.</u> <u>Attn: Charles R. Watts, Esq.</u>	7. Total fee (37 CFR 3.41) \$40.00			
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PATENT REEL: 010737 FRAME: 0057

R:648



ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid

	to each of the undersigned				
insert Name(s) of Inventor(s)	Wataru HIDESE and YusukeYAMAMOTO				
	the undersigned hereby sell(s) and assign(s) to				
Insert Name(s) f Axsignee(s)	Matsushita Electric Industrial Co., Ltd.				
Address	of 1006, Oaza Kadoma, Kadoma-shi, Osaka, 571-8501 Japan				
	(hereinafter designated as the Assignee) the entire right, title and interest for the United States as defined in 35 USC 100, in the invention known as				
Title of Invention	ELECTRONIC COMPONENTS MOUNTING DEVICE AND THE MOUNTING METHOD				
	for which an application for patent in the United States has been executed by the undersigned				
	on January 31, 2000				
Date of Signing of Application	The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in				

connection with such applications as the Assignee may deem necessary or expedient,

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements,

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee,

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of WENDEROTH, LIND & PONACK, L.L.P., 2033 K Street, N.W., Suite 800, Washington, D.C. 20006, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

PATENT

REEL: 010737 FRAME: 0058

V7 C A1	ication Serial No.	09/455,459	Filin	Date December 6, 1999
177	he above application r	nay be more particularly ic	dentified as follows:	
				Official Title
SEAL				,
				Official Signature
		purposes therein set forth.		on mo man no (moy) executed the same of
above-nam	edtild_tild_tild_tild_tild_tild_til	he foregoing assignment, y	vho did scknowledge	to me personally known as to me that he (they) executed the same of
77	his	day of		, 19, before me personally came the
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			LEDGMENT	<i>,</i>
	Witness	Kraleshach		· · · · · · · · · · · · · · · · · · ·
	Witness	Kujoko Ko	m.	
T) the Invento	or(s) should be witness	sed by at least two witness	es who sign here.)	ates Consul. If not, then the execution by
Date				•
Date				
Date		·		
-				
			YusukeYAMAM	
Date Je	anuary 31, 2000		Jusuke	Hidere Yanamata
Date	anuary 31, 2000		Waren HIDESE	Hidere

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Title of Invention ELECTRONIC COMPONENTS MOUNTING DEVICE AND THE MOUNTING METHOD

REEL: 010737 FRAME: 0059