FORM PTO-1595 (modified)	03-08-2004		R SHEET		NT OF COMMERCE	
•				ratent at	IU HAUEMAIN OMICE	
To the Honorable Assistant Secretary thereof.	102687307	: (55)	marks: Please reco	ord the attached o	riginal documer	
Name of conveying party(ies): Yoshio KOYANAGI Yutaka SAITO	2.27-04		and address of rece Matsushita Electric	•	<u>.td.</u>	
Additional name(s) of conveying party(ies) attached? NO 3. Nature of conveyance:			Street Address: 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 Japan			
X Assignment Security Agreement Other Execution Date: February 23, 2004	Merger Change of Name	Additional n	ame(s) & address(es) at	tached? <u>NO</u>	48 U.S. P.1 5/787576 0/28704	
4. Application number(s) or patent number	per(s): 1078757	6			175	
If this document is being filed together v A. Patent Application No.(s) NEW, filed February 27, 2004	vith a new application, the	execution B. Patent	: No.(s)	ion is: <u>Februar</u>	y 23, 2004	
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> Attn: Nils E. Pedersen , Esq.		7. Total fee (37 CFR 3.41) \$ <u>40.00</u> X Enclosed (Check No.				
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Statement and signature. To the best of my knowledge and belief, document.	the foregoing intofmation is	true and co	rrect and any attached	d copy is a true co	oy of the original	
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PATENT REEL: 015033 FRAME: 0182

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)

Shoichi KAJIWARA, Akihiro OZAKI, Koichi OGAWA, Yoshio KOYANAGI,

Yoshitaka ASAYAMA, Yutaka SAITO

the undersigned hereby sell(s) and assign(s) to

Matsushita Electric Industrial Co., Ltd.

Insert Name(s) of Assignee(s) Address

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

ELECTROMAGNETIC WAVE MEASURING APPARATUS AND METHOD

Title of Invention

for which an application for patent in the United States has been executed by the undersigned

Date of Signing of Application on February 23, 2004

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. 20006-1021, 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: 015033 FRAME: 0183

In witness whereof, executed b name(s).	y the undersigned on the date(s) opposite the undersigned
Date .	Name of the Inventor
	Shoichi KAJIWARA
Date,	Name of the InventorAkihiro OZAKI
Date,	Name of the Inventor
Date February 23, 2004,	Name of the Inventor Yoshio Koyanagi Yoshio KOYANAGI
Date ,	Name of the Inventor
Date February 23, 2004	Name of the Inventor Yoshio KOYANAGI Yoshio KOYANAGI Yoshio KOYANAGI Yoshio KOYANAGI Yoshio KOYANAGI
	Name of the Inventor
then the execution by the Inventor(s)	erably be acknowledged before a United States Consul. If not, should be witnessed by at least two witnesses who sign here.) ℓ
Witness & acho	komyoji
Witness <u>Hiras</u>	shí Wada
AC	CKNOWLEDGMENT
}	ss
This	day of, 19, before me e personally known as the individual(s) who executed the owledge to me that he (they) executed the same of his (their) ow forth.
SEAL	Official Signature
	Official Title
The above application may be	more particularly identified as follows:
	Filing Date
	Atty Docket No.
	C WAVE MEASURING APPARATUS AND METHOD

RECORDED: 02/27/2004

PATENT REEL: 015033 FRAME: 0184