FÖRM PTO-1595 (modified)	RECORDATION FOR	, 09-07-2000	ARTMENT OF COMMERCE
FURM F10-1035 (Ribullied)	PATENTS		stent and Trademark Office
To the Honorable Assistant Secretary and or copy(ies) thereof.	d Commissionar of Patents a	101450919	original document(s)
1. Name of conveying party(ies):		2. Name and address of receiving pa	rty(ies):
Toshiyuki SUGITANI		Name: Matsushita Electric Industrial Co., Ltd.	
Additional name(s) of conveying party(ies) att	esched? No Denestication	Street Address: 1006, Oaza Kado	<u>ma, Kadoma-shi,</u>
3. Nature of conveyance:	dana. No dana	<u>Osaka, 571-8501 Japan</u>	
X Assignment Security Agreement Other Execution Date: August 22, 2000	_ Merger _ Change of Name	Additional name(s) & address(es) attached? <u>N</u>	<u> 0</u>
4. Application number(s) or patent n			
4. Application number(s) or patent in	diliber(3).		
If this document is being filed toget	her with a new application	, the execution date of the application	າ is:
A. Patent Application No.(s)		B. Patent No.(s)	
09/549,529, filed April 14, 2	2000 Additional numbers	attached? NO	
5. Name and address of party to wh		6. Total number of applications and p	estante involvad: 1
concerning document should be n		o. Total number of applications and p	zaterits involved. 1
Name: <u>WENDEROTH, LIND & PC</u>	NACK, L.L.P.	7. Total fee (37 CFR 3.41)	¥40.00
Attn: Charles R. Watts, E	<u>sa.</u>		2/12
Street Address: 2033 K Street, N	N.W., Suite 800	X Enclosed (Check No	
City: Washington, State: DC ZIP: 20006		8. Deposit account number: 23-097	<u>5</u>
oney: <u></u>		{Attach duplicate copy of this page if payir	ng by deposit account)
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9. Statement and signature. To the best of my knowledge and bell original document. Nils. E. Pedersen, Reg. No. 33,145 Name of Person Signing	ief, the foregoing information Signature	is true and correct and any attached copy Main September 1, 20 Date	, ,
Name of Ferson Signing	3 griature C	Total number of pages incl	uding cover sheet: 3
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time for reviewing the document and gat comments regarding this burden estimate	thering the data needed, and one to the U.S. Patent and Trad	erage about 30 minutes per document to be completing and reviewing the sample cove lemark Office, Office of Information Syster t, Paperwork Reduction Project (0651-001	r sheet. Send ms, PK2-1000C,

PATENT REEL: 011040 FRAME: 0681

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned Toshiyuki SUGITANI Insert Name(s) of Inventor(s) the undersigned hereby sell(s) and assign(s) to Insert Name(s) Matsushita Electric Industrial Co., Ltd. of Assignee(s) of 1006, Oaza Kadoma, Kadoma-shi, Osaka, 571-8501 Japan Address (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 CALLING APPARATUS AND CALLING METHOD IN A TELEPHONE Title of Invention for which an application for patent in the United States has been executed by the undersigned August 22, 2000 on

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 recordal of this document.

PATENT REEL: 011040 FRAME: 0682

Date _	August 22, 2000)	Toshiyuki Sugitani
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the ind his (the	namedividual(s) who execute eir) own free will for the	d the foregoing assignment	to me personally known as nt, who did acknowledge to me that he (they) executed the same of rth. Official Signature Official Title

Title of Invention CALLING APPARATUS AND CALLING METHOD IN A TELEPHONE

Applicant Reference Number P22688-01 (I.S. Matsu) Atty Docket No. 2000 0479A

RECORDED: 09/01/2000