04-17-2001

DOCKET NO. 817 005

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ariment of Commerce

101646607 9.28.98 To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents on hand thereof. Name of conveying party(ies) Name and address of receiving party(ies): Tetsuji Maeda and Toshiya Mori Matsushita Electric Industrial Co., Ltd. Name: 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-Address: Additional name(s) of conveying parties attached <a> No 8501 JAPAN Nature of Conveyance: Additional name(s) attached? VNo ✓ Assignment Merger Security Agreement Change of Name Other Execution Date September 17, 1998 Application number(s) or patent number(s) If this document is being filed together with a new application, the execution date of this application is . A. Patent Application No.(s) B. Patent No.(s) Sre. No. 09/123,111 filed July 27, 1998 Name and address of party to whom correspondence Total number of application and patents involved: 1 concerning this document should be mailed: Stephen P. Burr Name: Total fee (37 CFR 3.4) \$40.00 WALL MARJAMA BILINSKI & BURR Address: Enclosed 217 Montgomery Street Authorized to charge any deficiency or credit any over payment to Hills Building, 7th Floor Deposit Account No. 50-0289. Syracuse, NY 13202 (315) 425-9000 Charge Deposit account DO NOT USE THIS SPACE 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. September 24, 1998 Date Reg. No. 32,970 Total Number of Pages Comprising Cover Sheet 3 OMB NO 0651-0011(EXP. 4/94) DO NOT DETACH THIS PORTION Mail documents to be recorded with required cover sheet information to:

COMMISSIONER OF PATENTS AND TRADEMARKS **BOX ASSIGNMENTS** WASHINGTON D.C. 20231



PATENT REEL: 011487 FRAME: 0310

ASSIGNMENT

(1-8) hisert Name(s) of hivehol(s)	(1) $\underline{1}$	etsuji Maeda	(5)
	(2)	Гoshiya Mori	(6)
	(3) _		(7)
	(4) _	······································	(8)
	In consideration of the sum of dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to		
(9) Insert name of Assignee	(9) <u>N</u>	latsushita Electric Indust	rial Co., Ltd.
(10) Insert address of Assignee	(10) 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 JAPAN		
	(hereinafter designated as the Assignee) the entire right, title and interest for the United States, its territories, dependencies and possessions, in the invention, and all applications for patent and any Letters Patent which may be granted therefor, known as		
(11) Insert Identification of Invention, such as Title, Case Number or Foreign Application Number	(11)	MAINTENANCE APP	ARATUS (Case No. 817_005)
	for which the undersigned have executed an application for patent in the United States of America		
(12) Insert Date of Signing of Application	(12) on		
(13) Alternative identification	(13) U.S. Application(s) Serial Number(s)09/123,111 for filed application(s) filedJuly 27, 1998		
and any continuing or di	visional	applications thereof and	s necessary in connection with the application also to execute separate assignments in eem necessary or expedient.
interference which may	be decla	red concerning this appli	s necessary in connection with any cation or continuation or division thereof and obtaining evidence and going forward with

3) The undersigned agree(s) to execute all papers and documents and perform any act which

4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a

may be necessary in connection with claims or provisions of the International Convention for

Protection of Industrial Property or similar agreements.

grant of a valid United States patent to the Assignee.

such interference.

PATENT REEL: 011487 FRAME: 0311

- 5) 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 divisions or continuing 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.
- 6) The undersigned hereby grant(s) the firm of WALL MARJAMA BILINSKI & BURR 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 and Trademark Office recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s). Date <u>September-17.1998</u> Signature <u>Jetruji Maeda</u> (SEAL)
Tetsuji Maeda Date <u>September 17, 1998</u> Signature Joshiya Mori (SEAL) Date _____ Signature (SEAL) Date _____ Signature _____(SEAL) Date Signature (SEAL) Date Signature (SEAL) Date _____ Signature (SEAL) _____(SEAL) Date _____ Signature This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. or (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here: Date September 17, 1998 Witness 5020 Laman to

Date September 17, 1998 Witness Drigo Kojima