MR D2-14-00	Docket No.: ISH1-BH86
FORM PTO-1365 (Modified) 03-21-20 (Rev. 6-93)	00 HEET U.S. DEPARTMENT OF COMMERCE
(Nev. 0-55) OMB No. 0651-0011 (exp.4/94) Copyright 1996-97 LegalStar P0BA/RE -02	Patent and Trademark Office
Tab settings → → → ▼ 10129365	55 _ • • •
To the Honorable Commissioner of Facents and Trademarks:	Please record the attached original documents or copy thereof.
1. Name of conveying party(ies): Kazushi Higashi Kenji Takahashi Hiroyuki Otani	2. Name and address of receiving party(ies): Name: Matsushita Electric Industrial Co., Ltd.
Shozo Minamitani	
Shinji Kanayama Additional names(s) of conveying party(ies)	Osaka 571-8501 Japan
3. Nature of conveyance:	
🛛 Assignment 🔲 Merger	
Security Agreement Change of Name	City: State/Prov.:
Other	Country: ZIP:
Execution Date: August 18, 1999	Additional name(s) & address(es)
 4. Application number(s) or registration numbers(s): If this document is being filed together with a new application, the execution date of the application is: 	
Patent Application No. Filing date	B. Patent No.(s)
09/373,957 August 13, 1999	
Additional numbers 5. Name and address of party to whom correspondence	Yes X No So Fotal number of applications and patents involved:
concerning document should be mailed:	
Name: Joseph W. Price	7. Total fee (37 CFR 3.41):\$ 40.00
Registration No. 25,124 Address: 2100 S.E. Main St., Ste. 250	Enclosed - Any excess or insufficiency should be credited or debited to deposit account
	Authorized to be charged to deposit account
City: Irvine State/Prov.: CA Country: USA ZIP: 92614	8. Deposit account number: 16-2462
DO NOT USE THIS SPACE	
9. 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. Joseph W. Price	
Name of Person Signing Date	
Total number of pages including cover sheet, attachments, and	

REEL: 010613 FRAME: 0833

ASSIGNMENT

WHEREAS, we, <u>Kazushi HIGASHI, Hiroyuki OTANI, Shozo</u> <u>MINAMITANI, Shinji KANAYAMA and Kenji TAKAHASHI</u>, citizens of Japan, have invented certain new and useful improvements in a

for which we have executed application for Letters Patent of the United States, Serial No. 09/373,957, filed on August 13, 1999, and

WHEREAS, MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., a corporation of Japan, having a principal place of business at 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 Japan, is desirous of obtaining the entire right, title and interest in, to and under the said improvements and the said application.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, <u>Kazushi HIGASHI</u>, <u>Hiroyuki OTANI</u>, Shozo MINAMITANI, Shinji KANAYAMA and Kenji TAKAHASHI

have sold, assigned, transferred and set over, unto said MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., its successors, legal representatives and assigns, the entire right, title and interest in, to and under said improvements, and said application and all divisions, renewals and continuations thereof, and all Letters Patents of the United States, which may be granted thereon and all reissues and extensions thereof, and all priority rights under the International Convention for the Protection of Industrial Property for every country of the Union, and all applications for Letters Patents which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patents which may be granted for said improvements in any country or countries foreign to the United States, and any official of any country or countries foreign to the United States, whose duty it is to issue patents, on applications as aforesaid, to issue all Letters Patents for said improvements to said MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to said MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand this 18 day of AUG . 1999 ,

Kozashi Nigashi Kazushi Higashi

IN TESTIMONY WHEREOF, I hereunto set my hand this 18 day of AUG. 1999 ,

Hiroyuki Otani Hiroyuki Otani

IN TESTIMONY WHEREOF, I hereunto set my hand this

18 day of <u>AUG 1949</u>,

<u>Shozo Minamitani</u> Shozo Minamitani

IN TESTIMONY WHEREOF, I hereunto set my hand this 18 day of ANG. 1999,

Shinji kanayama

IN TESTIMONY WHEREOF, I hereunto set my hand this

18 day of AUG. 1999 .

Kenji Takahashi Kenji Takahashi

RECORDED: 02/14/2000