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To the Honorable Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Hiroyuki Morishita  
Atsushi Ito  
Satoshi Takashima  
Hideshi Nishida

Kozo Kimura  
Tokuzo Kiyohara  
Akira Miyoshi  
Hiroshi Kadota

6.30.03

## 2. Name and address of receiving party(ies):

Name: Matsushita Electric Industrial Co., Ltd.Address: 1006, Oaza Kadoma, Kadoma-shi

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

## 3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ OtherCity: Osaka-fu

State/Prov.: \_\_\_\_\_

Country: JapanZIP: 571-8501Execution Date: June 16, 2003

Additional name(s) &amp; address(es)

☐ Yes ☒ No

## 4. Application number(s) or patent 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)

10/377,328

02/28/2003

07/01/2003 GTOW11 00000113 192814 10377328

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Additional numbers

☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed.

Name: Joseph W. PriceRegistration No. 25,124Address: SNELL & WILMER LLP1920 Main Street, Suite 1200City: IrvineState/Prov.: CACountry: USAZIP: 92614

## 6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41):.....\$ 40.00☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account☒ Authorized to be charged to deposit account

## 8. Deposit account number:

19-2814

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## 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

Signature

June 27, 2003

Date

5

Total number of pages including cover sheet, attachments, and

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PATENT

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# ASSIGNMENT

**WHEREAS**, we, Hiroyuki MORISHITA, Atsushi ITO, Satoshi TAKASHIMA, Hideshi NISHIDA, Kozo KIMURA, Tokuzo KIYOHARA, Akira MIYOSHI, and Hiroshi KADOTA, citizens of Japan, respectively, have invented certain new and useful improvements in  
a DATA PROCESSOR AND PROGRAM

for which we have executed application for Letters Patent of the United States, filed February 28, 2003, assigned Serial No. 10/377,328

**WHEREAS**, Matsushita Electric Industrial Co., Ltd., a corporation of Japan, having a principal place of business at 1006, Oaza Kadoma, Kadoma-shi, Osaka-fu, 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 Hundred Yen (100¥) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, Hiroyuki MORISHITA, Atsushi ITO, Satoshi TAKASHIMA, Hideshi NISHIDA, Kozo KIMURA, Tokuzo KIYOHARA, Akira MIYOSHI, and Hiroshi KADOTA 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 Patent 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 have hereunto set my hand this 16 day of

June

, 2003.

Hiroyuki Morishita  
Hiroyuki MORISHITA

IN TESTIMONY WHEREOF, I have hereunto set my hand this 16 day of  
June, 2003.

Atsushi Ito  
Atsushi ITO

IN TESTIMONY WHEREOF, I have hereunto set my hand this 16 day of  
June, 2003.

Satoshi Takashima  
Satoshi TAKASHIMA

IN TESTIMONY WHEREOF, I have hereunto set my hand this 16 day of  
June, 2003.

Hideshi Nishida  
Hideshi NISHIDA

IN TESTIMONY WHEREOF, I have hereunto set my hand this 16 day of  
June, 2003.

Kozo Kimura  
Kozo KIMURA

IN TESTIMONY WHEREOF, I have hereunto set my hand this 16 day of  
June, 2003.

Tokuzo Kiyohara  
Tokuzo KIYOHARA

IN TESTIMONY WHEREOF, I have hereunto set my hand this 16 day of  
June, 2003.

Akira Miyoshi  
Akira MIYOSHI

IN TESTIMONY WHEREOF, I have hereunto set my hand this 16 day of  
June, 2003.

Hiroshi Kadota  
Hiroshi KADOTA