



08-08-2000



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101425379

TO: The Commissioner of Patents and Trademarks: Please record the attached

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☒ New

☐ Resubmission (Non-Recordation)
Document ID#

☐ Correction of PTO Error
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Conveyance Type

☒ Assignment ☐ Security Agreement

☐ License ☐ Change of Name

☐ Merger ☐ Other

U.S. Government
(For Use ONLY by U.S. Government Agencies)

☐ Departmental File ☐ Secret File

Conveying Party(ies)

☒ Mark if additional names of conveying parties attached

Name (line 1)	<input type="text" value="Shuji MIYASAKA"/>	Execution Date Month Day Year	<input type="text" value="07/07/00"/>
Name (line 2)	<input type="text" value="19-4 Naritacho, Neyagawashi, Osaka 572-0004 Japan"/>		
Second Party			
Name (line 1)	<input type="text" value="Takeshi NORIMATSU"/>	Execution Date Month Day Year	<input type="text" value="07/07/00"/>
Name (line 2)	<input type="text" value="5-3-8-402, Fujiwaradaikitamachi, Kitaku Kobeshi, Hyogo 651-1301 Japan"/>		

Receiving Party

☐ Mark if additional names of receiving parties attached

Name (line 1)	<input type="text" value="MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD."/>	<input checked="" type="checkbox"/> If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)	
Name (line 2)	<input type="text" value="1006 Oaza Kadoma, Kadomashi"/>		
Address (line 1)	<input type="text"/>		
Address (line 2)	<input type="text"/>		
Address (line 3)	<input type="text" value="Osaka"/>	<input type="text" value="Japan"/>	<input type="text" value="571-8501"/>
	City	State/Country	Zip Code

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name	<input type="text" value="Michael K. Kelly"/>
Address (line 1)	<input type="text" value="Snell & Wilmer, LLP"/>
Address (line 2)	<input type="text" value="One Arizona Center"/>
Address (line 3)	<input type="text" value="400 E. Van Buren Street"/>
Address (line 4)	<input type="text" value="Phoenix, AZ 85004-2202"/>

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07/27/2000 BHABTEW 00000066 09551796

02 EC:581

40.00 DP

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Mail documents to be recorded with required cover sheet(s) information to:
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20503

REEL: 010966 FRAME: 0482

Correspondent Name and Address

Area Code and Telephone Number

602-382-6291

Name Michael K. Kelly

Address (line 1) Snell & Wilmer, LLP

Address (line 2) One Arizona Center

Address (line 3) 400 E. Van Buren Street

Address (line 4) Phoenix, AZ 85004-2202

Pages

Enter the total number of pages of the attached conveyance document including any attachments.

5

Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

09/551,796

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT

PCT

PCT

PCT

PCT

PCT

Number of Properties

Enter the total number of properties involved.

1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$

40.00

Method of Payment:

Enclosed



Deposit Account



Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

19-2814

Authorization to charge additional fees:

Yes



No



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. Charges to deposit account are authorized, as indicated herein.

Michael K. Kelly, Reg. No. 32,848

Name of Person Signing

Michael K. Kelly

Signature

July 21, 2000

Date



RECORDATION FORM COVER SHEET
CONTINUATION
PATENTS ONLY

U.S. Department of Commerce
Patent and Trademark Office
PATENT

Conveying Party(ies)

Enter additional Conveying Parties

☐ Mark if additional names of conveying parties attached

Name (line 1) Mineo TSUSHIMA

Execution Date
Month Day Year
07/07/2000

Name (line 2) 5-5-302, Myokenzaka, Katanoshi, Osaka 576-0021 Japan

Name (line 1) Tomokazu ISHIKAWA

Execution Date
Month Day Year
07/07/2000

Name (line 2) 4-6-14, Sanwacho, Toyonakashi, Osaka 561-0828 Japan

Name (line 1) Yoshiaki SAWADA

Execution Date
Month Day Year
07/07/2000

Name (line 2) 510, Terakataryo, 2-2-2 Minamiterakatakitadori, Moriguchishi, Osaka 570-0046 Japan

Receiving Party

☐ Mark if additional names of receiving parties attached

Name (line 1)

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

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Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

ASSIGNMENT

WHEREAS, The ASSIGNOR, comprising the following named inventor(s):

1. Shuji MIYASAKA; 19-4, Naritacho,
Neyagawashi, Osaka 572-0004 Japan
2. Takeshi NORIMATSU; 5-3-8-402, Fujiwaradaikitamachi,
Kitaku, Kobeshi, Hyogo 651-1301 Japan
3. Mineo TSUSHIMA; 5-5-302, Myokenzaka,
Katanoshi, Osaka 576-0021 Japan
4. Tomokazu ISHIKAWA; 4-6-14, Sanwacho,
Toyonakashi, Osaka 561-0828 Japan
5. Yoshiaki SAWADA; 510, Terakataryo, 2-2-2, Minamiterakatakitadori,
Moriguchishi, Osaka 570-0046 Japan

have invented and own a certain invention entitled:

ENCODER

for which application for Letters Patent of the United States was filed as **U.S. Serial No.**
09/551,796 on **April 18, 2000**; and

WHEREAS, the ASSIGNEE:

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.
1006, Oaza Kadoma, Kadomashi,
Osaka 571-8501 Japan

is desirous of acquiring the entire interest in, to and under said invention and the United States Letters Patent to be obtained therefor;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum corresponding to One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the full and exclusive right, title and interest to said invention and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted.

ASSIGNOR hereby covenants that no assignment sale agreement charge or other encumbrance has been or will be entered into which would conflict with this assignment and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

IN WITNESS WHEREOF, the parties have hereunto set their hands and seal

this 7th day of July, 2000.

1. Shuji Miyasaka
(Shuji MIYASAKA)

2. Takeshi Norimatsu
(Takeshi NORIMATSU)

3. Mineo Tsushima
(Mineo TSUSHIMA)

4. Tomokazu Ishikawa
(Tomokazu ISHIKAWA)

5. Yoshiaki Sawada
(Yoshiaki SAWADA)