

08-09-2000

U.S. Department of Commerce  
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**PATENT**



101430123

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- ☒ **Assignment** ☐ **Security Agreement**
- ☐ **License** ☐ **Change of Name**
- ☐ **Merger** ☐ **Other**
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**Conveying Party(ies)**

- ☒ **Mark if additional names of conveying parties attached**
- Execution Date  
Month Day Year  
7/3/00

Name (line 1) Noboru KOBAYASHI

Name (line 2)

**Second Party**

Execution Date  
Month Day Year  
7/3/00

Name (line 1) Naoji FUJINO

Name (line 2)

**Receiving Party**

- ☐ **Mark if additional names of receiving parties attached**

☐ 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 1) FUJITSU LIMITED

Name (line 2)

Address (line 1) 1-1, Kamikodanaka 4-chome, Nakahara-ku,

Address (line 2) Kawasaki-shi,

Address (line 3) Kanagawa  
City

Japan  
State/Country

211-8588  
Zip Code

**Domestic Representative Name and Address**

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

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**PATENT**  
**REEL: 010973 FRAME: 0799**

## Correspondent Name and Address

Area Code and Telephone Number

(212)643-5000

Name Helfgott &amp; Karas, P.C.

Address (line 1) Empire State Building

Address (line 2) 60th Floor

Address (line 3) New York, New York 10118

Address (line 4) Attorney Docket No.: FUJS 17.557

## Pages

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

# 4

## Application Number(s) or Patent Number(s)

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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)


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  
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## 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:

Deposit Account

Enclosed ☒Deposit Account ☐

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

Deposit Account Number:

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Authorization to charge additional fees:

Yes

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No

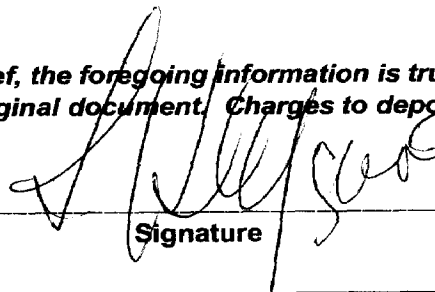
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## Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any  
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indicated herein.

Samson Helfgott

Name of Person Signing



Signature

7/25/00

Date

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CONTINUATION  
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Patent and Trademark Office  
PATENT

Conveying Party(ies)

☐ Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1) Hideaki KURIHARA

Execution Date  
Month Day Year  
7/3/00

Name (line 2)

Name (line 1) Fumiaki NISHIDA

Execution Date  
Month Day Year  
7/3/00

Name (line 2)

Name (line 1)

Execution Date  
Month Day Year

Name (line 2)

Receiving Party(ies)

☐ Mark if additional names of receiving parties attached

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Name (line 1)

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Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

Name (line 1)

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Address (line 3)

City

State/Country

Zip Code

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)



## UNITED STATES

## ASSIGNMENT

Docket No. FUJS 17.557

WHEREAS, the below named inventor, ASSIGNOR, has made a certain new and useful invention in : \_\_\_\_\_  
MULTI-CHANNEL SIGNAL PROCESSING APPARATUS

for which

(check one) ☒ an application is being filed concurrently herewith,  
☐ an application for a Patent of the United States was filed on \_\_\_\_\_  
☐ and given Application Serial No. \_\_\_\_\_

and WHEREAS, FUJITSU LIMITED

having a place of business at 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi,  
Kanagawa 211-8588 Japan, ASSIGNEE  
 is desirous of obtaining the entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, the said ASSIGNOR, has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventor's certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

ASSIGNOR authorizes and requests the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNOR covenants and agrees that he has full right to convey the entire interest herein assigned, and has not executed, and will not execute, any agreement in conflict herewith.

AND ASSIGNOR further covenants and agrees that he will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

Full name of sole or first inventor Noboru KOBAYASHI  
 Inventor's signature Noboru Kobayashi Date July 3, 2000  
 Residence Kawasaki-shi, Kanagawa, Japan Citizenship Japanese  
 Post Office Address c/o FUJITSU LIMITED, 1-1, Kamikodanaka  
4-chome, Nakahara-ku, Kawasaki-shi,  
Kanagawa 211-8588 Japan

Attest: FUJINO

Full name of fourth joint inventor, if any Fumiaki NISHIDA

Inventor's Signature Fumiaki Nishida Date July 3, 2000

Residence Kawasaki-shi, Kanagawa, Japan

Citizenship Japanese

Post Office Address c/o FUJITSU LIMITED, 1-1, Kamikodanaka  
4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 Japan

Full name of fifth joint inventor, if any \_\_\_\_\_

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address \_\_\_\_\_

Full name of sixth joint inventor, if any \_\_\_\_\_

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address \_\_\_\_\_

Full name of seventh joint inventor, if any \_\_\_\_\_

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address \_\_\_\_\_

Full name of eighth joint inventor, if any \_\_\_\_\_

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address \_\_\_\_\_