

06-11-1998

3 SHEET

U.S. DEPARTMENT OF COMMERCE
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To the Honorable Commissione

100734531

attached original documents or copy thereof.

1. Name of conveying party(ies):
 1. Tomohiro ISHIHARA
 2. Hideaki ONO
 3. Tsuguo KATO
 4. Ryuichi TAKECHI
 Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
 Name: FUJITSU LIMITED
 Internal Address:
 JUN 8
 Street Address: 1-1, Kamikodanaka 4-chome
 Nakahara-ku, Kawasaki-shi
 City: Kanagawa State: ZIP: 211
 Country: Japan
 Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other name. Previously recorded on
 Record to correct third inventor's
 Reel 8878 and Frame 0723
 Execution Date: October 3, 1997

4. Application number(s) or patent number(s):
 If this document is being filed together with a new application, the execution date of the application is: October 3, 1997
 A. Patent Application No.(s)
 Serial # 08/957,289
 B. Patent No.(s)

ATTORNEY S DOCKET NO.: FUJI 14.550
 Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
 Name: HELFGOTT & KARAS, P.C.
 Internal Address: EMPIRE STATE BUILDING
 60th FLOOR
 Street Address: 350 Fifth Avenue
 City: New York State: NY ZIP: 10118
 Telephone NO.: (212) 643-5000

6. Total number of applications and patents involved: 1
 7. Total fee (37 CFR 3.41).....\$ 40.00
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 8. Deposit account number:
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SAMSON HELEGOTT
 Name of Person Signing
 Reg. No. 23,072

Samson Helegott
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06/09/1998 JMWTKINS 00000095 08957289

01 FC:581

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 by Chandra Seemraia

Any fee due with this paper, not fully covered by an enclosed check, may be charged on Deposit Acct. No. 08-1634

PATENT
 REEL: 9223 FRAME: 0440

MRD 6-5-98 RE

581-140.2



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To the Honorable Commissioner of P.

100606223

Attached original documents or copy thereof

1. Name of conveying party(ies): MW 10-24-97
(1) Tomohiro ISHIHARA 4. Tsuguo KATO
(2) Hideaki ONO 6/5/98
(3) Ryuichi TAKECHI
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies):
Name: FUJITSU LIMITED
Internal Address: _____

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
Execution Date: October 3, 1997

Street Address: 1-1, Kamikodanaka 4-chome
Nakahara-ku, Kawasaki-shi
City: Kanagawa State: _____ ZIP: 211
Country: Japan
Additional name(s) & address(es) attached? Yes No

4. Application number(s) or patent number(s): 08957,289
If this document is being filed together with a new application, the execution date of the application is: October 3, 1997

A. Patent Application No. (s)

B. Patent No. (s)

Attorney's Docket No.: FUJI 14.550 Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: HELFGOTT & KARAS, P.C.
Internal Address: EMPIRE STATE BUILDING
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City: NEW YORK State: NY ZIP: 10118
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6. Total number of applications and patents involved:

7. Total fee (37 CFR 3.41).....\$ 40.00

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08-1634

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02 FC:580 City: NEW YORK State: NY ZIP: 10118

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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.

Aaron B. Karas
Name of Person Signing

Aaron B. Karas
Signature

10/24/97
Date

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Filed by Express Mail
(Receipt No. EH3667486505
on 10-24-97
pursuant to 37 C.F.R. 1.10.
by *[Signature]*

ASSIGNMENT

Docket No. FUJI 14.550

WHEREAS, the below named inventor, ASSIGNOR, has made a certain new and useful invention in : _____
CELL ASSEMBLY AND MULTIPLEXING DEVICE, AND DEMULTIPLEXING DEVICE

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 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 Tomohiro Ishihara
 Inventor's signature Tomohiro Ishihara Date October 3, 1997
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 Second Inventor's signature Hideaki Ono Date October 3, 1997
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 Third Inventor's signature Tsuguo Kato Date October 3, 1997
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Full name of fourth joint inventor Ryuichi Takechi
Fourth Inventor's signature Ryuichi Takechi Date October 3, 1997
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Kawasaki-shi, Kanagawa, 211 Japan

Full name of fifth joint inventor _____
Fifth Inventor's signature _____ Date _____
Residence _____ Citizenship _____
Post Office Address _____

Full name of sixth joint inventor _____
Sixth Inventor's signature _____ Date _____
Residence _____ Citizenship _____
Post Office Address _____

Full name of seventh joint inventor _____
Seventh Inventor's signature _____ Date _____
Residence _____ Citizenship _____
Post Office Address _____

Full name of eighth joint inventor _____
Eighth Inventor's signature _____ Date _____
Residence _____ Citizenship _____
Post Office Address _____

Full name of ninth joint inventor _____
Ninth Inventor's signature _____ Date _____
Residence _____ Citizenship _____
Post Office Address _____

Full name of tenth joint inventor _____
Tenth Inventor's signature _____ Date _____
Residence _____ Citizenship _____
Post Office Address _____