02-18-2000 OHALPTO 1595 (Hav. 6.91) U.S. DEPARIMENT OF COMMERCE SHEET Palent and Iradomark Office OMB No. 0651 0011 (mp. 4/93) Inb settings ⇔ ⇔ • ▼ 101270261 To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. Dame of conveying party(les); 2. Name and address of receiving party(les) Hiroyuki MITSUME Hiroki TAKAHASHI Name: FUJITSU LIMITED Internal Address Additional runno(s) of conveying pady(lee) attached? (1) Yee XI Ho 3. Nature of conveyance: G Assignment U Merger Street Address: 1-1, Kamikodanaka 4-chome U. Security Agreement U Change of Hame Nakahara-ku, Kawasaki-shi, Request to correct second Assignor hame XX Other previously recorded on REEL/FRAME City: Kanagawa State: ZIP.211-8588 010280/0799 Country: Japan August 25, 1999 Execulion Date: Additional name(s) & address(as) attached7 (1 Yes tx No. August 31, 1999 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: A. Patent Application No.(s) B. Patent Ho.(s) SERIAL # 09/401,926 Additional numbers attachad? U YesXXIo DOCKET NO.: FUJS 16.527 5. Hame and address of party to whom correspondence. 6. Total number of applications and patents involved. concerning document should be mailed: Hame: HELFGOTT & KARAS, P.C. 7. folaliee (37 CFR 3.41).....\$ 40.00 Internal Address: EMPIRE STATE BUILDING 60TH FEOOR ★) Authorized to be charged to deposit account ANY EXCESS FEE DUE Street Address 350 5TH AVENUE B. Deposit account number: SUITE 6024 08-1634 CHY NEW YORK State: NY ZIP: 10118 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing finlormation is time and correct and any attached copy is a true copy of the original document. January 12 200b Samson Helfgott Hann of Person Signing Req. No.: 23,072 Total number of pages including cover sheat, attachments, and documents. Mall documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Winshington, D.C. 20231 POSTAL SERVICE AS FIRST CLASS MAIL IN AN 17/2000 DMGUYEN ENVELOPE ADDRESSED TO: COMMISSIONER OF Any fee due with this paper, not fully PATENTS AND TRADEMARKS, WASHINGTON, D.C. covered by an ericlosed check, may be 20231, ON THE DATE INDICATED BELOW. charged on Deposit Acct. No. 08-1634 thanking Seonarai Januartita

REEL: 010550 FRAME: 0869

| 10-0/- | 1999 |
|--|--|
| 1004 PTO 1595 (Nov 0.9.1) OMB No (0651 WH) (0.0. 4/94) | TETET U.S. DEPARTMENT OF COMMERCE |
| Introduction to the settings of the settings of the settings of the settings of the setting of t | 3279 т т т |
| To the Honorable Commissioner of Patents and Trademarks: | Please record the attached original documents or copy thereof. |
| 1. Hama of conveying party(les): $9/23)99$ (1) Hiroyuki MITSUME (2) Hiroki TAKASHI TAKAHASHI CS (2) Additional name(s) of conveying party(les) attached? U Yes & to | 2. Hama and address of receiving party(les) Hama: FUJITSU LIMITED Internal Address: 100 50 50 50 50 50 50 50 50 50 50 50 50 5 |
| 3. Hature of conveyance: | 유 🐷 |
| kt Assignment — U Merger | Street Address: 1-1, Kamikodanaka 4-chome |
| L1 Security Agreement L1 Change of Name | Nakahara-ku, Kawasaki-shi, |
| U Other | City: Kanagawa State: ZIP:211-8588 |
| August 25, 1999 Execution Date: August 31, 1999 | Country: Japan Additional name(s) & Additions(os) attached) (1) Yes & Ho |
| | August 25, 1999 on, the execution date of the application is: August 31, 1999 |
| A. Patent Application No.(s) | B. Patent Ho.(s) |
| PERCENTAGE AND ADDRESS OF PARTY AND ADDRESS OF PART | 6. Total number of applications and patents involved: 7. Total (ee (37 CFR 3.41)\$ 4Ω + ΩΩ 5. Enclosed 1. Authorized to be charged to deposit account |
| Street Address 350 5TH AVENUE SUITE 6024 Clly:NEW_YORK State: NY ZIP:10118 | 8. Deposit account number: 08-1.6.3.4 (Attach dopticate copy of this page if paying by dope all account) |
| 10 NOT | ASE ILIIS SYACE |
| the original document. Samson Helfgott Hang of Person Stynlog | Signature Signature Date 10 10 10 10 10 10 10 10 10 1 |
| Mail documents to be recorded wi Commissioner of Patents & | threquired cover sheet information to: Trademarks, Dox Assignments on, D.C. 2023 1 |
| Any fee due with this paper, not fully covered by an enclosed check, may be charged on Deposit Acct. No. 08-1634 | Filed by Express Mall (Receirl No. 643667724705) on 5/23/95 purayent to 37 C.F.R. 1.10. |

PATENT REEL: 010550 FRAME: 0870

ASSIGNMENT

Docket No. FUJS 16.527

| for which | |
|--|--|
| (alantono) - 1001 | |
| (check one) [X] | |
| [] | |
| [] and WHEREAS, | and given Application Serial No. FUJITSU LIMITED |
| | business at 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, |
| | wa 211-8588 Japan .ASSIGNE |
| s desirous of obta | lining the entire right, title and interest in, to and under the said invention and the said application: |
| ferred and set over successors, legal resaid United States which may be grorotection, includi- illed for said investigations and the Patent Laws of the international agreed and all forms of its ates and designs all extensions, rene ASSIGNOR a | ation, the receipt of which is hereby acknowledged, the said ASSIGNOR, has sold, assigned, transfer, and by these presents does hereby sell, assign, transfer and set over, unto the said ASSIGNEE, it expresentatives and assigns, the entire right, title and interest in, to and under the said invention, and the application and all divisions, renewals and continuations thereof, and all Patents of the United State anted thereon and all reissues and extensions thereof; and all applications for industrial propertying, without limitation, all applications for patents, utility models, and designs which may hereafter be entired in any country or countries foreign to the United States, together with the right to file such the right to claim for the same the priority rights derived from said United States application under the United States, the International Convention for the Protection of Industrial Property, or any other ment or the domestic laws of the country in which any such application is filed, as may be applicable industrial property protection, including, without limitation, patents, utility models, inventor's certification may be granted for said invention in any country or countries foreign to the United States and exals and reissues thereof; |
| orms of industriant o | untry or countries foreign to the United States, whose duty it is to issue patents or other evidence of property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its epresentatives and assigns, in accordance with the terms of this instrument. NOR covenants and agrees that he has full right to convey the entire interest herein assigned, and have will not execute, any agreement in conflict herewith. |
| orms of industria uccessors, legal re AND ASSIGN ot executed, and v AND ASSIGN egal representative uwful papers, executed everything poss | untry or countries foreign to the United States, whose duty it is to issue patents or other evidence of property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its expresentatives and assigns, in accordance with the terms of this instrument. **NOR covenants and agrees that he has full right to convey the entire interest herein assigned, and has |
| orms of industria uccessors, legal re AND ASSIGN of executed, and v AND ASSIGN egal representative uwful papers, executed everything poss | antry or countries foreign to the United States, whose duty it is to issue patents or other evidence of property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its expresentatives and assigns, in accordance with the terms of this instrument. NOR covenants and agrees that he has full right to convey the entire interest herein assigned, and have will not execute, any agreement in conflict herewith. NOR further covenants and agrees that he will communicate to the said ASSIGNEE, its successors as and assigns, any facts known respecting said invention, and testify in any legal proceeding, sign all cute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally ible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce or said invention in all countries. |
| orms of industria uccessors, legal re AND ASSIGN of executed, and v AND ASSIGN egal representative twell papers, executed papers, executed papers, executed papers, execute everything possuroper protection full name of sole of eventor's signature. | Intry or countries foreign to the United States, whose duty it is to issue patents or other evidence of property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its expresentatives and assigns, in accordance with the terms of this instrument. NOR covenants and agrees that he has full right to convey the entire interest herein assigned, and have been also agreement in conflict herewith. NOR further covenants and agrees that he will communicate to the said ASSIGNEE, its successors as and assigns, any facts known respecting said invention, and testify in any legal proceeding, sign all cute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally itle to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce or said invention in all countries. The first inventor Hiroyuki MITSUME Date August 25, 1999 |
| orms of industria uccessors, legal re AND ASSIGN AND ASSIGN AND ASSIGN egal representative uwful papers, exect of everything poss roper protection for ull name of sole of eventor's signatur esidence <u>Kawa</u> | Intry or countries foreign to the United States, whose duty it is to issue patents or other evidence of property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its expresentatives and assigns, in accordance with the terms of this instrument. NOR covenants and agrees that he has full right to convey the entire interest herein assigned, and have a solution of execute, any agreement in conflict herewith. NOR further covenants and agrees that he will communicate to the said ASSIGNEE, its successors as an assigns, any facts known respecting said invention, and testify in any legal proceeding, sign all cute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally in its aid ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce or said invention in all countries. For first inventor Hiroyuki MITSUME This inventor Hiroyuki MITSUME Date August 25, 1999 Esaki-shi, Kanagawa, Japan Citizenship Japanese |
| orms of industria uccessors, legal re AND ASSIGN AND ASSIGN AND ASSIGN egal representative uwful papers, exect of everything poss roper protection for ull name of sole of eventor's signatur esidence <u>Kawa</u> | Intry or countries foreign to the United States, whose duty it is to issue patents or other evidence of property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its expresentatives and assigns, in accordance with the terms of this instrument. NOR covenants and agrees that he has full right to convey the entire interest herein assigned, and have will not execute, any agreement in conflict herewith. NOR further covenants and agrees that he will communicate to the said ASSIGNEE, its successors as and assigns, any facts known respecting said invention, and testify in any legal proceeding, sign all coute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally itself to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce or said invention in all countries. For first inventor Hiroyuki MITSUME Date August 25, 1999 Esaki-shi, Kanagawa, Japan Citizenship Japanese C/O FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, |
| orms of industria uccessors, legal re AND ASSIGN AND ASSIGN AND ASSIGN egal representative uwful papers, exect of everything poss roper protection for ull name of sole of eventor's signatur esidence <u>Kawa</u> | Intry or countries foreign to the United States, whose duty it is to issue patents or other evidence of property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its expresentatives and assigns, in accordance with the terms of this instrument. NOR covenants and agrees that he has full right to convey the entire interest herein assigned, and have a solution of execute, any agreement in conflict herewith. NOR further covenants and agrees that he will communicate to the said ASSIGNEE, its successors as an assigns, any facts known respecting said invention, and testify in any legal proceeding, sign all cute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally in its aid ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce or said invention in all countries. For first inventor Hiroyuki MITSUME This inventor Hiroyuki MITSUME Date August 25, 1999 Esaki-shi, Kanagawa, Japan Citizenship Japanese |
| AND ASSIGN AND ASSIGN AND ASSIGN AND ASSIGN AND ASSIGN Egal representative awful papers, exect of everything poss reper protection full name of sole of aventor's signature esidence Kawas authority and the second inventor's esidence Kawas esidence Kawas | Intry or countries foreign to the United States, whose duty it is to issue patents or other evidence of property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its expresentatives and assigns, in accordance with the terms of this instrument. NOR covenants and agrees that he has full right to convey the entire interest herein assigned, and have will not execute, any agreement in conflict herewith. NOR further covenants and agrees that he will communicate to the said ASSIGNEE, its successors as and assigns, any facts known respecting said invention, and testify in any legal proceeding, sign all coute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally itself to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce or said invention in all countries. For first inventor Hiroyuki MITSUME Date August 25, 1999 Esaki-shi, Kanagawa, Japan Citizenship Japanese C/O FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, |
| AND ASSIGN AND ASSIGN AND ASSIGN AND ASSIGN AND ASSIGN Egal representative swful papers, exect of everything poss roper protection full name of sole of eventor's signature esidence Kawas ost Office Address and name of second econd Inventor's esidence Kawas ost Office Address and Office Address | antry or countries foreign to the United States, whose duty it is to issue patents or other evidence of property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its presentatives and assigns, in accordance with the terms of this instrument. NOR covenants and agrees that he has full right to convey the entire interest herein assigned, and has will not execute, any agreement in conflict herewith. NOR further covenants and agrees that he will communicate to the said ASSIGNEE, its successors are and assigns, any facts known respecting said invention, and testify in any legal proceeding, sign all the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce or said invention in all countries. In first inventor Hiroyuki MITSUME Thiroyuki Mi |
| AND ASSIGN AND ASSIGN AND ASSIGN AND ASSIGN Egal representative wiful papers, exect of everything poss roper protection full name of sole of eventor's signature esidence Kawas ost Office Address and name of second econd Inventor's esidence Kawas ost Office Address and name of third | antry or countries foreign to the United States, whose duty it is to issue patents or other evidence of property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its presentatives and assigns, in accordance with the terms of this instrument. NOR covenants and agrees that he has full right to convey the entire interest herein assigned, and has will not execute, any agreement in conflict herewith. NOR further covenants and agrees that he will communicate to the said ASSIGNEE, its successors are an assigns, any facts known respecting said invention, and testify in any legal proceeding, sign all the all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally it is to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce or said invention in all countries. In first inventor Hiroyuki MITSUME The August 25, 1999 Isaki-shi, Kanaqawa, Japan Citizenship Japanese S C/O FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanaqawa 211-8588 Japan d joint inventor, if any Hiroki TAKAHASHI signature Hiroki TAKAHASHI signature Hiroki TAKAHAS |
| AND ASSIGN AND ASSIGN AND ASSIGN AND ASSIGN AND ASSIGN Egal representative wiful papers, exect of everything poss roper protection for a signature esidence Kawas ost Office Address and name of second econd Inventor's esidence Kawas ost Office Address and name of third, hird Inventor's signature | antry or countries foreign to the United States, whose duty it is to issue patents or other evidence of property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its presentatives and assigns, in accordance with the terms of this instrument. NOR covenants and agrees that he has full right to convey the entire interest herein assigned, and has will not execute, any agreement in conflict herewith. NOR further covenants and agrees that he will communicate to the said ASSIGNEE, its successors are and assigns, any facts known respecting said invention, and testify in any legal proceeding, sign all the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce or said invention in all countries. In first inventor Hiroyuki MITSUME Thiroyuki Mi |

RECORDED: 01/18/2000

PATENT REEL: 010550 FRAME: 0871