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| 1-31-92 | | |



U.S. Department of Commerce Patent and Trademark Office Attorney Docket No. 04329.2653 Attorney Customer Number: 22,852

| To the Honorable Commissioner of Pa 101855001 Please record the attached original documents or copy thereof. | ATTN. BOX ASSIGNMENTS | | |
|---|--|--|--|
| Name of conveying party(ies): Motoaki ANDO | 2. Name and address of receiving party(ies): | | |
| 09//8/01 | Name: KABUSHIKI KAISHA TOSHIBA | | |
| Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No | Internal Address: | | |
| 3. Nature of conveyance: | Street Address: 1-1 Shibaura 1-chome, Minato-Ku, Tokyo, Japan | | |
| ☐ Assignment ☐ Merger | City: | | |
| Security Change of Name Agreement | State: Zip Code: | | |
| Other: | Additional name(s) & Address(es) attached? | | |
| Execution Date: September 7, 2001 | ☐ Yes | | |
| 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: September 7, 2001 | | | |
| A. Patent Application Number(s): | B. Patent Number(s): | | |
| 09/9/1/0 2/ | | | |
| Additional numbers attached? | ☐ Yes | | |
| Name and address of party to whom correspondence concerning document should be mailed: | 6. Total number of applications and registrations involved: | | |
| Name: Mr. Ernest F. Chapman | 7. Total fee (37 CFR 3.41): \$40 | | |
| wante. Wit. Emission Company | Enclosed (Please charge deficiency to deposit account) | | |
| | Authorized to be charged to deposit account | | |
| Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P. | | | |
| Street Address: 1300 Street, N.W. | | | |
| City: Washington, D.C. | 8. Deposit Account No.: 06-0916 | | |
| State: Zip: 20005-3315 | 8. Deposit Account No.: 00-0910 | | |
| 9. Statement and signature. | and correct and any attached copy is a true copy of the original | | |
| 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. | | | |
| 16 IM | September 18, 2001 | | |
| Richard V. Burgujian Reg. No. 31,744 | nature Date | | |
| Total number of pages including cover sheet, attachments and documents: 3 | | | |
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09/19/2001 ANABI1 00000027 09954029

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PATENT REEL: 012180 FRAME: 0846

ASSIGNMENT

In consideration of value received, I, having a mailing address at coo Intellectual Property Division, KABUSHIKI KAISHA TOSHIBA, 1-1 Shibaura 1-chome, Minato-ku, Tokyo 105-8001, Japan and a residence as stated below next to my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are listed below) of an invention described in an application for United States patent entitled:

COMPUTER SYSTEM

said application having been filed on and assigned Application No. ;
sell and assign to
KABUSHIKI KAISHA TOSHIBA
a corporation of Japan, having a business address at 1-1 Shibaura 1-chome. Minato-Ku. Tokyo, Japan

its successors, assigns or nominees, hereinafter referred to as "Assignce", my entire right, title and interest in and to said invention as disclosed, shown and described in said application for United States patent: (check one)

- \times executed concurrently herewith:
- executed separately herefrom;

and in and to all applications for patent and patents for said invention, in all countries of the world, including all divisions, reissues, continuations, substitutions and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications; and I authorize and request any official whose duty is to issue palents, to issue any patent on said invention or resulting therefrom to said Assignce, and I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue, or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invension in all countries.

I hereby grant the following law firm the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the Rules of the U.S. Patent and Trademark Office for recordation of this document.

Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P., 1300 I Street, N.W., Washington, D.C., 20005-3315

PATENT REEL: 012180 FRAME: 0847

ASSIGNMENT

| Inventor: (Signature) | <u>Date</u> | Residence |
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| notocifi 2000 Motoaki Ando | Soptember 7, 2001 | Ome-shi, Japan |
| Motoaki Ando | | |
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RECORDING OFFICER:

After recording please return to: Finnegan, Henderson, Farabow, Garrett & Dunner, L. L. P.

1300 I Street, N.W., Washington, D.C. 20005-3315

RECORDED: 09/18/2001

PATENT REEL: 012180 FRAME: 0848