0039-6675-3S DES/msc

To the Honorable Commissioner of Patents and Traditional 1135	od original documents or copy thereof.	
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):	
Yuuki SHIBATA	Name: KABUSHIKI KAISHA TOSHIBA	
Additional name(s) of conveying party(ies) attached?□ Yes ■ No	Name: KABUSHIKI KAISHA TOSHIBA  Address:  72 Horikawa-cho Saiwai-ku Kawasaki-shi, Japan	
3. Nature of Conveyance:  ■ Assignment □ Security Agreement □ Change of Name		
□ Other		
Execution Date: April 21, 1998	Additional name(s) & address(es) attached? □ Yes ■ No	
4. Application number(s) or patent number(s): 29/08	7467	
If this document is being filed together with a new application, the e		
A. Patent Application No.(s)	B. Patent No.(s)	
Additional numbers	attached? □ Yes ■ No	
<ol><li>Name and address of party to whom correspondence concerning document should be mailed:</li></ol>	6. Total number of applications and patents involved: 1	
OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C. Attorneys at Law Fourth Floor 1755 Jefferson Davis Highway Arlington, Virginia 22202	7. Total fee (37 CFR 3.41): \$40.00  ■ Enclosed □ Authorized to be charged to deposit account	
Armigion, Virginia 22202	8. Deposit account number: 15-0030	
DO NOT IS	(Attach duplicate copy of this page if paying by deposit account)	
of the original document.  Marvin J. Spivak	mation is true and correct and any attached copy is a true copy  5/4/98	
Name of Person Signing Registration No. 24,913 Registration No. 24,913	Colland  Total number of pages including cover sheet: 2	
OMB No. 0651-0011 (exp. 4/94)	Jmber 21 124	
Mail documents to be recorded with required cover sheet information of Prissil  Commissioner of Prissil	atents and Trademarks signments n, D.C. 20231	
	•	

PATENT REEL: 9155 FRAME: 0331

)

## ASSIGNMENT

In consideration of value received, I, having a post office address at c/o Intellectual Property Division, KABUSHIKI KAISHA TOSHIBA, 1-1 Shibaura 1-chome, Minato-ku, Tokyo 105, 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

said application having been filed on No. ; sell and assign to

and assigned Serial

KABUSHIKI KAISHA TOSHIBA, a corporation organized and existing under the laws of Japan, and having a business address at 72 Horikawa-cho, Saiwai-ku, Kawasaki-shi, Japan

its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said application for United States patent executed concurrently herewith;

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 patents, to issue any patent on said invention or resulting therefrom to said Assignee, 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 invention 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.

Oblon, Spivak, McClelland, Maier & Neustadt, P.C., Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202

Inventor: (Sig	nature) Date	Residence
A Yunki Sk	ubata April 21	4-15-21-501, Megurohon-cho, Meguro-ku, Tokyo, Japan
Yuuki SHIBAT	A	
В		
C		
D		