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Additional name(s) of conveying party(ies) attached?□ Yes ■ No	Address:		
	Jo Jo		
	72 Horikawa-cho Saiwai-ku		
3. Nature of Conveyance:	Kawasaki-shi, Japan		
■ Assignment □ Merger □ Security Agreement □ Change of Name □ Other			
Execution Date: October 8, 1998	Additional name(s) & address(es) attached? □ Yes ■ No		
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 8, 1998		
A. Patent Application No.(s)	B. Patent No.(s)		
Additional numbers	attached? □ Yes ■ No		
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1		
OBLON, SPIVAK, McCLELLAND, MAIER &	7. Total fee (37 CFR 3.41): \$40.00		
NEUSTADT, P.C. Attorneys at Law	■ Enclosed		
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Arlington, Virginia 22202	8. Deposit account number: 15-0030		
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9. Statement and signature.			
7/21/1998 NARSH1 00000015 09173178 To the best of my knowledge and belief, the foregoing infolential files of the foregoing info	rmation is true and correct and any attached copy is a true copy		
Marvin J. Spivak	Irvin McClolland 10/15/28		
Name of Person Signing Registration No. 24,913 Signa Registration No. 24,913	Signa Registration Number 21 124 Date Total number of pages including cover sheet: 3		
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> PATENT REEL: 9519 FRAME: 0372

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 105-8001, 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:

AUTOMATIC COMPENSATION CIRCUIT FOR AUTOMATICALLY COMPENSATING TIME CONSTANT OF FILTER

said application having been filed on and assigned Serial No.; sell and assign to KABUSHIKI KAISHA TOSHIBA a corporation of Japan, 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: (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 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 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.

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

> PATENT REEL: 9519 FRAME: 0373

ASSIGNMENT

Inventor: (Signature)	Date	Residence
Miteumo Kawano	0CT -8.1998	Yokosuka-shi, Kanagawa-ken, Japan
Mitsumo Kawano		

RECORDING OFFICER:

After recording please return to: Oblon, Spivak, McClelland, Maier & Neustadt, P.C.,

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PATENT REEL: 9519 FRAME: 0374