To the Honorable Commissioner of Patents and Trademarks. Pleas	e record the attached original documents or copy thereof.		
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):		
Mitsuru NAGATA	Name: KABUSHIKI KAISHA TOSHIBA		
	Address: 72, Horikawa-cho, Saiwai-ku,		
Additional name(s) of conveying party(ies) attached? □Yes ■No	Kawasaki-shi, Japan		
3. Nature of Conveyance:	103		
■ Assignment □ Merger □ Security Agreement □ Change of Name □ Other	is ==		
Execution Date: March 19, 2001	Additional name(s) and address(es) attached? □Yes ■No		
4. Application number(s) or patent number(s):	0981704		
If this document is being filed together with a new application, the is:	execution date of the application March 19, 2001		
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 applications and patents involved: 1		
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Marvin J. Spivak	5 Nuta		
Name of Person Signing Registration Number: 24,913	Signature Date'		
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PATENT

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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:

SELECTING CIRCUIT, DIGITAL/ANALOG CONVERTER AND ANALOG/DIGITAL CONVERTER

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 "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)

imes 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, treatics 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

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Inventor: (Signature)	Date	Residence
2 1 - 2 -		
mitsure hagata	MAR. 19.2001	
Mitsuru Nagata		Naka-gun, Japan
Mitsulu Nagata		

RECORDING OFFICER:

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