FORM PTO-1595	02-25-2003		U S DEPARTMENT OF COMPANY Patent and Trademin	
To the Honorable Commissioner of Patents			original documents or copy thereof.	
1. Name of conveying party(ies): Yoshiaki TAKEUCHI, Shinichiro SHIRAT OIKAWA Additional name(s) of conveying party(ies)	14.03	Name: KAB	ress of receiving party(ies): USHIKI KAISHA TOSHIBA hibaura 1-chome, Minato-Ku, Tokyo,	Japan
3. Nature of Conveyance: Assignment	e of Name	Additional name	e(s) and address(es) attached? Yes	■No
4. Application number(s) or patent number(s)	s):			
If this document is being filed together with A. Patent Application No.(s)	a new application, the ex	B. Patent No.(s		(
5. Name and address of party to whom corre		,d: L. 103	110	
concerning document should be mailed:		6. Total applica	ations and patents involved: 1	
22850 Tel. (703) 413-3000		Encl Auth 8. Deposit acco	CFR 3.41): \$40.00 losed porized to be charged to deposit account tout number: 15-0030 opp of this page if paying by deposit account)	nt
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9. Statement and signature To the best of my knowledge and belief, the copy of the original document. Marvin J. Spivak Name of Person Signing	ne foregoing information Signa	mmM6rlla	ect and any attached copy is a true 2/14/03 Date	_
Registration Number: 24,913	umbar of massa in linding	this cover cheet	. 3	r*3.
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PATENT
REEL: 013769 FRAME: 0973

ASSIGNMENT

In consideration of value received. I, having a mailing 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:

SEMICONDUCTOR INTEGRATED CIRCUIT EQUIPMENT WITH ASYNCHRONOUS OPERATION

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 "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., 1940 Duke Street, Alexandria, Virginia 22314

PATENT REEL: 013769 FRAME: 0974

Inventor: (Signature)	<u>Date</u>	Residence
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