

1/26.01

FORM PTO-1595 1-31-92

Atty Docket No.:

214763US2S

† 101903405 PRIDATION FORM CUVER SHEET \\\ ATENTS ONLY

1. Name of conveying party(ies):	2. Name and address of receiving party(ies):
Masami AIZAWA	Name: KABUSHIKI KAISHA TOSHIBA
	Address: 1-1 Shibaura 1-chome, Minato-Ku, Tokyo, JAPAN
Additional name(s) of conveying party(ies) attac	
3. Nature of Conveyance:	
☑ Assignment☐ Merger☐ Security Agreement☐ Change of No.	ime
Other	
Execution Date: November 12, 2	Additional name(s) and address(es) attached? ☐Yes ⊠No
4. Application number(s) or patent number(s):	
If this document is being filed together with a ne	w application, the execution date of the application is:
A. Patent Application No.(s)	B. Patent No.(s)
09/969,766	
Addit	ional numbers attached? □Yes ⊠No
5. Name and address of party to whom correspon	dence 6. Total applications and patents involved: 1
concerning document should be mailed:	
i idanis nama mahatidan baha sahi kabi kabi	7. Total fee (37 CFR 3.41): \$40.00 ⊠ Enclosed
	☐ Authorized to be charged to deposit account
22850	8. Deposit account number: 15-0030 (Attach duplicate copy of this page if paying by deposit account)
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9. Statement and signature	
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copy of the original document.	Sunda Sachas 11-26-61
Marvin J. Spivak Name of Person Signing	Surinder Sachar 11-26-61 Date
Registration Number: 24,913	Suringer Sachar Registration No. 34,423
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REEL: 012320 FRAME: 0350

PATENT

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:

FREQUENCY DIVISION MULTIPLEX TRANSMISSION SIGNAL RECEIVING APPARATUS USING A PLURALITY OF CARRIERS

said application having been filed on October 4, 2001 and assigned Application No. 09/969,766; 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., Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202

> PATENT REEL: 012320 FRAME: 0351

ASSIGNMENT

Inventor: (Signature)	Date	Residence
$Q_{22} = Q_{22}$		
Masami Aizara	NOV. 12. 2001	
Masami Aizawa		Yokohama-shi, Japan

RECORDING OFFICER:

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

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