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TO THE ASSISTANT COMMIS	OIOIILI O	_			
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1. NAME OF CONVEYING PARTY(IES) (ASSIGNORS(S)):					
Hironori MOTOE signed Dece     Shigenshy SATO signed Dece		2. Hiroyuki O   4.	KA signed December 24, 20	002	
3. Shigenobu SATO signed Dec	ember 20, 2002	6.			
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ADDITIONAL NAME(8) OF CO	NVEYING PARTY(IES) ATTACHI	ED? ∐YES [	⊠no		
2. PARTY(IES) (ASSIGNEE(S))	RECEIVING INTEREST:				
NAME: Kabushiki Kaisha Toshil				2	
ADDRESS: 1-1 Shibaura 1-choi	me, Minato-ku, Tokyo, Japan				
	RESS(ES) ATTACHED? YES	⊠no			
3. NATURE OF CONVEYANCE					
	ocument for recordation—multiple	copies of sam	e Assignment signed by diff	erent inventors is one	
document) ⊠ASSIGNMENT OF		DECT	EXEC. DATE: December	20, 2002 and	
ORIGINAL	FACSIMILE/PHOTOCOPY	KESI	December 24, 2002	20, 2002 anu	
CHANGE OF NAME	VERIFIED TRANSLATION		December 24, 2002		
SECURITY MERGER	<b>—</b>				
EXECUTION DATE(S) ON THE DECLARATION IF FILED HEREWITH: (NOTE: IF DATES ON DECLARATION AND					
	FTY!) December 20, 2002 and De				
4.5 APPL. NO.(S) OR PAT NO.	(S). OTHERS ON ADDITIONAL S	SHEET(S) atta	ched? □YES ⊠NO		
A. PAT. APP. NO.(S) M# series code/serial no	1# INVENTOR if not in item 1	B. PATENT I	NO(S) M#	1st INVENTOR if not in item 1	
Not Assigned 02846					
<ol><li>Name &amp; Address of Party to Concerning Document Shou</li></ol>		RINVOLVED: 5 <u>1</u> + PATS <u>0</u> = TOTAL =	<u>1</u>		
Pillsbury Winthrop LLP		7. AMOUNT	OF FEE DUE: (Code 581)		
Intellectual Property Group			OTAL x \$40 = \$40		
725 South Figueroa Street, Suite 2800Los Angeles, CA 90017-					
5406					
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5.5 ATTY DKT:		NUMBER:		CCCOINT	
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MATTER NO.	CLIENT REF.	dup. sheet not	required CLIENT NO.	MATTER NO.	
9. To the best of my knowledge	and belief, the foregoing informa	tion is true and	correct and any attached c	opy is a true copy of	
the original document.	, ,		·		
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with the same of t	K. W.	(do not file du	ıp. Cover sheet)		
Signatu	re				
Attorney: Roger R. Wise					
Reg. No. 31204	TEL (040) 400 7504		uary 22, 2003		
Atty/Sec: RRW/JES	TEL: (213) 488-7584		(: (213) 629-1033		
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PATENT PAT-114X 5/02

## 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:

## WIRELESS DATA-TRANSFERRING APPARATUS

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.

Pillsbury Winthrop LLP, 725 South Figueroa Street, Suite 2800, Los Angeles, California 90017-5406

PATENT REEL: 013696 FRAME: 0286

## ASSIGNMENT

Inventor: (Signature)	Date	Residence
Idirononi Motoe  Hironori Motoe	Lecenber 20, 2002	Ome-shi, Japan
Hiroyuki Oka	Scanle 5. 24,202	Kawasaki-shi, Japan
Shigenobu Sato Shigenobu Sato	Lecember 20, 2002	Iruma-shi, Japan

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After recording please return to:
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