	OCT 3 1 2002 (E)
Atty Docket No.: 0249-0395-2 11-06-2002 FORM PTO-1595 1-31-92	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
To the Honorable Commissioner o 102273534	attached original documents or copy thereof.
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):
1. Name of conveying party(ies): Tatsuo YAMAURA, Shigeo ITOH, Gentaro TANAKA, Yuji UCHIDA and Yuuich KOGURE	Name: FUTABA CORPORATION Address: 629 Oshiba, Mobara-shi, Chiba-ken, JAPAN
Additional name(s) of conveying party(ies) attached? Yes No	
3. Nature of Conveyance:	
■ Assignment □ Merger □ Security Agreement □ Change of Name □ Other	
Execution Date: July 19, 1999	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 new application, the ex	secution date of the application is:
A. Patent Application No.(s)	B. Patent No.(s)
09/357,651	
Additional numbers attached	ed? ☐ Yes ■ No
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total applications and patents involved: 1
22850	7. Total fee (37 CFR 3.41): \$40.00 Enclosed Authorized to be charged to deposit account 8. Deposit account number: 15-0030 (Attach duplicate copy of this page if paying by deposit account)
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Name of Person Signing Signa	cafettaf. Oct. 31, 2002 Date
Registration Number: 24,913 Total number of pages including	vio. 26,803
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PATENT REEL: 013452 FRAME: 0362

Assignment of Application

Page 1 of 2

	WHEREAS, I (WE)	Tatsuo YAMAURA	A, Shigeo ITOH, Gentaro	ΓΑΝΑΚΑ, Yuji UCHIDA and	Yuuich
NSERT NAMES		KOGURE all c/o F	utaba Denshi Kogyo K.K.	, 629 Oshiba, Mobara-shi, Chib	oa-ken, Japan
ND RESIDENCE DDRESS OF HE INVENTORS:					
					_, respectively,
NSERT TITLE OF INVENTION:	have invented certain ne	ew and useful improv	ements in: COLD CATHO	DDE ELECTRONIC DEVICE	_
	nave invented contains as	,,, 			
NSERT DATE IN- TENTORS SIGNED TECLARATION	for which an application	ı for Letters Patent w	as executed on July	19, 1999	
NSERT NAME IND ADDRESS OF OMPANY OR ITHER ASSIGNEE	(Application No09/2	357,651	, filed July 20	, 1999), and
	WHEREAS, FU	TABA IXIXIXYHI XXX	GWXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XX CORPORATION	
	(hereinafter referred to a	as "ASSIGNEE") hav	ving a place of business at:	629 Oshiba, Mobara-shi, Chi	iba-ken,
	JAPAN				

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

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I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date:_	July 19,	1999	Tateno Yamaura
	July 19,		(Signature of Inventor) Shizer Ith (Signature of Inventor)
	July 19,		(Signature of Inventor) (Signature of Inventor)
Date:_	July 19,	1999	(Signature of Inventor) (Signature of Inventor)
Date:_	July 19,	1999	(Signature of Inventor)
Date:_			(Signature of Inventor)
Date:_		-	(Signature of Inventor)
Date:_			(Signature of Inventor)

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PATENT REEL: 013452 FRAME: 0364