F. DTO 4505				
Form PTO-1595 RECORDATION FORM COVER SHEET PATENTS ONLY		102131581		
anla		Attorney Docket No. 100021-00096 Date: June 14, 2002		
Please r	To the Assistant Comm ecord the attached origina	issioner of Patents al documents or copy thereof	86 U	
Name of conveying party(ies)		Name and address of receiving party(ies):	η .	
Masashi SHIRAI		Name: Ube Industries, Ltd.		
Koji SHIBA Toshio FURUYA		Address: 1978-96 O-Aza Kogushi,		
Additional name(s) of conveying party(ies) attached?		Ube-shi, Yamaguchi-ken 755-8633 JAPAN		
☐ Yes ☑ No		Additional name(s) & address(es) attached?		
		☐ Yes		
Nature of conveyance:				
□ Assignment □ Merger □ Security Agreement □ Change of Name				
Other		10/17036		
Execution Date: all May 24, 2002		19/707	<i>, O</i>	
 Application number(s) or patent number(s): If this document is being filed together with a 	new application, the exec	cution date of the application is: May 24, 2002		
A. Patent Application No.(s)		B. Patent No.(s)		
Additiona 5. Name and address of party to whom corresp	Il numbers attached?	Yes No 6. Total number of applications and patents involved	d:	
document should be mailed:		One CAO CO		
Name: Arent Fox Kintner Plotkin & Kahn PLLC		7. Total fee (37 CFR 3.41) \$ 40.00		
Street Address: 1050 Connecticut Avenue, N.W., Suite 400		☑ Included in attached check.☑ Any additional fees are authorized to be charged to		
Washington, D.C. 20036-5339		deposit account		
9/2002 HDEMESS1 00000018 10170360 C:581 40.00 GP		8. Deposit account number: 01-2300 (Attach duplicate copy of this page if paying by deposit account)		
	DO NOT USE T	THIS SPACE		
9. Statement and signature. To the best of my knowledge and belief, the copy of the original document. George E. Oram, Jr.	//-	True and correct and any attached copy is a true June 14, 20	02	

Name of Person Signing Reg. No. 27,931

Total number of pages including cover sheet, attachments, and document: 2

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter "ASSIGNOR") by

(Insert	Ube Industries,	Lta.			
ASSIGNEE's Name(s)	1978-96 O-Aza Kogushi, Ube-shi, Yamaguchi-ken				
Address(es))	755-8633, Japan				
	transfers to ASSIGNEE the entire and				
(Title of Invention)					
	relating to International Patent Applic of the United States was executed on e	ation PCT/JP/	and/or for which application for Letters Patent ted, was:		
Insert date	(a) executed on	; (
f execution f application, not oncurrent)	(b) filed on	data, when known.	reby authorized to insert in (b) the specified		
	renewal, substitute, reissue or reexamin	ation application based thereon, for	d on said application and any continuation, division, the full term or terms for which the said Letters hereinafter, "said application(s) and Letters		
	ASSIGNEE, to do all acts which the A enforcing protection for said invention said Letters Patent (s), in any interference of the declaration which may arise or be declarated.	SSIGNEE may deem necessary, desir including in the preparation and pre- nee, reissue, reexamination, or public ared in relation to same, such acts to	nd without charge to but at the expense of said rable or expedient, for securing, maintaining and secution of said application(s) and the issuance of use proceeding, and in any litigation or other legal include but not be limited to executing all papers, oviding sworn testimony, and obtaining and		
	IN WITNESS WHEREOF,	the undersigned inventor(s) has (have	e) affixed his/her/their signature(s).		
	u / /. d/. :	Masashi Shirai	May 24, 2002		
(Signatures)	(SIGNATURE)	(TYPE NAME)	(DATE)		
	1) Mashashi Shirai (SIGNATURE) 2) Koji Shiba (SIGNATURE)	Koji Shiba	May 24, 2002		
	(SIGNATURE)	(TYPE NAME)	(DATE)		
	(SIGNATURE) 3) Toshio Furuya	Toshio Furuya	May 24, 2002		
	3) OSULO FURUYU (SIGNATURE)	(TYPE NAME)	(DATE)		
	4)(SIGNATURE)	(TYPE NAME)	(DATE)		
	5)(SIGNATURE)	(TYPE NAME)	(DATE)		
	(det iii)				
	6L(SIGNATURE)	(TYPE NAME)	(DATÉ)		
	7](SIGNATURE)	(TYPE NAME)	(DATE)		
	8)(SIGNATURE)	(TYPE NAME)	(DATE)		

RECORDED: 06/14/2002

PATENT REEL: 013002 FRAME: 0359