

		ION FC Patent and Tracemark	ى ا ∪ى	2771776		
2001 S		TENTS C	NLY	e attached original de	ocuments or convitherent	
1.	Name of conveying party(ies):  Masahiro TSUCHIYA  Yukihiro MORI  Sumio WATANABE	494	e record ur	e attached original de	ocuments of copy thereof.	
2.	Name and Address of receiving page	arty(ies):				9
	FUJITSU COMPONENT LIMITED 3-5, Higashi-Gotanda 2-chome Shinagawa-ku, Tokyo, 141-8630 J					16834 11.0
3.	Nature of conveyance:  X	=		e of Name		
4.	Application number(s) or patent n  ☐ This document is being filed to (a) The execution date(s) of to (b) The title is:PRINTER APPLOR	ogether with a the application	new apr			
	<ul><li>This document is being filed a</li><li>(a) Patent Application No(s).</li></ul>	fter filing of the, f	e applica filed	ation: ;	or	
5.	Name and address of party to who STAAS & HALSEY LLP Attention: Alicia M. Choi 1201 New York Ave., N.W., Suite Washington, D.C. 20005			oncerning docum ocket: <u>1614.1405</u>		
6.	Total number of applications and patents involved:1					
7.	Total fee (37 CFR 3.41)	(\$ 40.00 pe	er Assigı	nment)		
	Authorized to be charged	to deposit acc	count.			
8.	Deposit Account No.: 19-3935 (Any underpayment is authorized to be charged to this Deposit Account (Attach duplicate copy of this page if paying by deposit account)					
9.	Statement and signature. To the best of my knowledge and copy is a true copy of the original		egoing ir	nformation is true	and correct and any attacl	าอด
	M. Choi, Reg. No. 46,621 of Person Signing	<u>Au</u> Sign	iia nature	Total number	June 14, 2004  Date  of pages including cover s	— he
	USE THIS SPACE			rotal namber	or pages inviduing cover s	
004 MGE 1021	BREM1 00000024 10863949 40.00 DP					

PATENT REEL: 015463 FRAME: 0819

## U.S. ASSIGNMENT

S&H 1/00

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 Name(s) & Address(es) of ASSIGNEE(S)) FUJITSU COMPONENT LIMITED 3-5, Higashi-Gotanda 2-chome, Shinagawa-ku, Tokyo 141-8630 Japan (hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled (Title of Invention) PRINTER APPARATUS relating to International Patent Application PCT/JP\_\_\_\_/\_ and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was: (a) executed on (Insert date of execution of application, if not concurrent) Any registered attorney of STAAS & HALSEY LLP, 1201 New York Ave., N.W., Suite 700, Washington, D.C. 20005 (202/434-1500) is hereby authorized to insert in (b) the specified data, when known. and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)"). The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence. IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s). (Typed Name & Signature of Inventor(s)) (Typed Name & Signature of Witness(es)) (Date) June 3, 2004 Masahir Tsuchiya
Masahiro Tsuchiya

Yukikiru Mari Tadahiko Itoh June 3, 2004 Sumio Watanabe June 3, 2004 Tadahiko Itoh

> PATENT REEL: 015463 FRAME: 0820