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05-06-2002

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Our Ref.: 790-1211

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.				
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):			
HISASHI KUNIHIRO				
HIROSHI TANISAWA	Name: SHARP KABUSHIKI KAISHA			
TAKESHI WAKABAYASHI	Internal Address:			
HIROSHI KAWAHITO	Street Address: 22-22, Nagaike-cho, Abeno-ku			
FUMITO MIZOGUCHI				
HIROSHI KUBOTA				
	City: Osaka			
Additional name/s of conveying party/ies attached?	State/Country: Japan			
3. Nature of conveyance:	Zip:			
	•			
Other	Additional name/s & address/es attached? 🔲 Yes 🛛 No			
Execution Date: March 25, 2002				
4. Application number(s) or patent number(s):				
If this document is being filed together with a new application, the execution	date of the application is:			
A. Patent Application No(s).	B. Patent No(s).			
(1) 29/150,152	(1)			
(2)	(2)			
(3)	(3)			
5. Name and address of party to whom correspondence	ached Yes No 6. Total number of applications & patents involved: 1			
concerning document should be mailed:	o. Total number of applications & patents involved:			
concerning document should be maned.	7. Total fee (37 CFR 3.41) \$ 40.00			
Name: Richard G. Besha	Enclosed \$ 40.00			
Nume. Renard G. Desha	Authorized to be charged to deposit account #14-1140			
Internal Address:				
	8. The Commissioner is hereby authorized to charge any			
Street Address: Nixon & Vanderhye P.C.	deficiency, or credit any overpayment, in the fee(s) filed, or			
1100 North Glebe Road	asserted to be filed, or which should have been filed herewith			
8 th Floor	(or with any paper thereafter filed in this application by this			
City: Arlington State: VA Zip: 22201	firm) to our Account No. 14-1140.			
	,			
DO NOT USE	THIS SPACE			
9. Statements and signature.				
To the best of my knowledge and belief, the foregoing informat	ion is true and correct and any attached copy is a true copy			
of the original document.				
10 0 00				
Richard G. Besha Suckard	April 29, 2002			
Name of Person Signing Sign	nature Date			
Reg. No. 22,770				
	al cover sheet, attachments, and document: [5]			
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ASSIGNMENT FOR PATENT APPLICATION (U.S. Rights Only)

WHEREAS, HISASHI KUNIHIRO, HIROSHI TANISAWA, TAKESHI WAKABAYASHI, HIROSHI KAWAHITO, FUMITO MIZOGUCHI, HIROSHI KUBOTA, (hereinafter ASSIGNORS) of 3535-153, Kobushigaoka, Hayama, Tsugemura, Yamabe-gun, Nara-ken, Japan; 15-21-406, Tomio-kita-3, Nara-shi, Nara-ken, Japan; 6-2-1, Kizugawadai, Kizu-cho, Soraku-gun, Kyoto-fu, Japan; 1-3-23, Hattoridai, Kanmaki-cho, Kitakatsuragi-gun, Nara-ken, Japan; 763-1, Minosho-cho, Yamatokoriyama-shi, Nara-ken, Japan; 2-14-16, Momodani, Ikuno-ku, Osaka-shi, Osaka-fu, Japan, respectively, have made an invention entitled TONER CARTRIDGE for which a so-entitled application for Letters Patent, was filed in the United States Patent and Trademark Office on November 9, 2001;

WHEREAS, SHARP KABUSHIKI KAISHA (hereinafter ASSIGNEE), a corporation of the Country of Japan, having an office and place of business at 22-22, Nagaike-cho, Abeno-ku, Osaka, Japan is desirous of acquiring an interest therein;

NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNORS by these presents hereby sell, assign, and transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNORS' entire right, title and interest in the United States of America as defined in 35 U.S.C. § 100, in and to the invention as described in the aforesaid application and to

PATENT 575354
REEL: 12849 FRAME: 0870

the said application and to all subsequent applications based thereon including any and all continuations, divisions, reissues, and substitutes of said application, and all resulting patents, and the ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns, and legal representatives. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention;

ASSIGNOR hereby agree to transfer a like interest upon request of said ASSIGNEE, its successors, assigns, and legal representatives, and without further remuneration, in and to any improvements, and applications for patents based thereon, growing out of or related to the said invention;

ASSIGNORS hereby agree to execute any papers by ASSIGNEE, its successors, assigns, and legal representatives, deemed essential to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

AGREED and executed as noted below:

	March 25, 2002	H	HISASHI KUNIHIRO HISASHI KUNIHIRO	
	Date		nisasni kominiko	
Witness	_			
Name:	K. Takahashi	Date:	April 1, 2002	
Name:	Alle	Date:	April 1, 2002	

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PATENT 575
REEL: 12849 FRAME: 0871

March 25 , 2002 Date	HIROSHI TANISAWA		
Date	HIROSHI TANISAWA		
Witnessed by:			
Name: K. Takahashi	Date:April 1 , 2002		
Name:	Date: April 1, 2002		
Morch 25, 2002 Date	TAKESHI WAKABAYASHI		
Witnessed by:	TAKLSHI WAKADATASHI		
Name: K. Takahashi	Date:April 1, 2002		
Name:	Date:April 1, 2002		
March 25, 2002 Date	HIROSHI KAWAHITO		
Witnessed by:	HIROSHI KAWAHITO		
•			
Name: K. Takahashi	Date: April 1, 2002		
Name:	Date: April 1, 2002		
March 25, 2002	Humitie mianachi		
Date	FUMITO MIZOGUCHI		
Witnessed by:			
Name: 4. Takahashi	Date: April 1, 2002		
Name:	Date: April 1, 2002		

PATENT 578
REEL: 12849 FRAME: 0872

	March 25, 2002	Hi	roshi kubota	
	Date	HIROSHI KUBOTA		
Witness	sed by:			
Name:	X. Takakaspi	Date:	April 1, 2002	
Name:	olide	Date:	April 1 2002	

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PATENT 575354

RECORDED: 04/29/2002