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U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

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1. Name of conveying party(ies): Toyonori SASAKI, Mitsuharu HATTORI, Toshiya INADA, Makoto YAMADA Additional name(e) of conveying party(ies) Jesurity Agreement Security Agreement Change of Name Other Execution Date: Execution Date: Execution Date: Feb. 27 and Feb. 28, 2003 Additional number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the new application is: A Patent Application No. (a): 29/174,542 Additional numbers attached? Additional numbers attached? Additional numbers attached? Additional number of applications and patents involved: 1 Total fee (37 CFR 3.41) Enclosed Street Address: 1900 K Street, N.W. DO NOT USE THIS SPACE State: Zip: ONOT USE THIS SPACE April 14, 2003 Name of Person Signing Total number of pages including cover sheet, attachments, and documents: 3 Name and address of receiving party(ies) Name: Brothers Industries, Ltd. Internal Address: 15-1 Naeshiro-cho, Mizuho-ku, Nagoya-shi Total Naeshiro-cho, Mizuho-ku, Nagoya-shi Street Address: 15-1 Naeshiro-cho, Mizuho-ku, Nagoya-shi Street Address: 15-1 Naeshiro-cho, Mizuho-ku, Nagoya-shi Internal Address Street Address: 15-1 Naeshiro-cho, Mizuho-ku, Nagoya-shi Street Address: 15-1 Naeshiro-cho, Mizuho-ku,	To the Honorable Commission	er of Patents and Trademarks: P	lease record the attached original documents or copy thereof				
Toshiya INADA, Makoto YAMADA Internal Address: Additional name(s) of conveying party(ies) No 3. Nature of Conveyance: X Assignment Security Agreement Change of Name City: Aichi-ken State: Japan Zip: Additional name(s) & addiress(s) attached: 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the new application is: A. Patent Application No.(9): 29/174,542 Additional numbers attached? Yes X No 5. Name and address of party to whom correspondence concerning document should be mailed: Name: MCKENNA LONG & ALDRIDGE LLP Internal Address: Atty. Dkt.: 7207.025.00 Street Address: City: Aichi-ken State: Japan Zip: Additional name(s) & Yes X No 6. Total number of application is: 1. Total fee (37 CFR 3.41) \$ 40.00 X Enclosed Authorized to be charged to deposit account authorized to be charged to credit card (Form 2038 enclosed) 8. Deposit account number: City: Mashington DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Eric Nuss, Reg. No. 40,106 Name of Person Signing Internal Address: Street Address: 15-1 Naeshiro-cho, Mizuho-ku, Nagoya-shi 15-1 Naeshiro-cho, Mizuho-ku, Nagoya-shi 15-1 Naeshiro-cho, Mizuho-ku, Nagoya-shi 15-1 Naeshiro-cho, Mizuho-ku, Nagoya-shi	Name of conveying party	(ies):	Name and address of receiving party(ies)				
Additional name(e) of conveyance: Assignment							
Security Agreement		y(ies) Yes x No					
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40.00 OF 3 FC:8021

DC:123185.1

Docket No.: 7207.025.00

Assignment of Application

WHEREAS,	I (WE)	Toyonori SASAKI, Mitsuharu HATTORI, Toshiya INADA						
and Makoto YAM	ADA							
					, respectively,			
have invented cert								
INK CARTRIDGE								
for which an application for Letters Patent was executed on								
				-				
(Application No.			, Filed	January 22, 200), and			
WHEREAS,	Brother	s Industries, Ltd.	. •					
(hereinafter referre	ed to as "A	ASSIGNEE") havin	g a place o	of business at:				
15-1 Naeshiro-cho	, Mizuho	-ku, Nagoya-shi, Ai	chi-ken, J	APAN				
		The second secon			-			

is desirous of acquiring the half of my undivided 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, by these presents do sell, assign and transfer unto said ASSIGNEE, an undivided half of my entire right, title, and interest in and to the said invention in the United States and its territorial possessions and in all foreign countries and an undivided half of my 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 behalf 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 Letters 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.

Page 1 of 2

PATENT REEL: 013969 FRAME: 0111 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: Feb 28, 2003

Date: Feb 28, 2003

Mitsukasu Hattoni

(Signature of Inventor)

Mitsukasu Hattoni Mitsuharu HATTORI Date: 176 28 2003 Toshiya Shacla
(Signature of Inventor)

Toshiya INADA

(Signature of Inventor) Makoto YAMADA

(Signature of Inventor)

Matrote Zamada

The undersigned hereby grant(s) the firm of McKenna Long & Aldridge LLP,

Attorneys at Law, 1900 K Street, N.W., Washington, D.C. 20006 the power to insert on this assignment any further identification, including the application number and filing date, which

McKenna Long & Aldridge LLP

Attorneys At Law 1900 K Street, N.W. Washington, D.C. 20006

Page 2 of 2

RECORDED: 04/14/2003

Date: Feb. 28. 2003

Date:

PATENT REEL: 013969 FRAME: 0112