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OMB No. 0651-0011 (exp. 4/94)
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David A. Tucker (Reg. No. 27840)

Name of Person Signing

04-19-2000



Docket No.:	49717(904)
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U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

To the Honorable Commissioner of Pate 101325	attached original documents or copy thereo
1. Name of conveying party(ies): MAKOTO UEHARA, TOSHIHIRO OHTA, YASUTAKA MAEDA, TAKASHI KITAGAWA, KATSUHIRO NAGAYAMA, SHOUJI TOMITA, KAORI DAKESHITA, DAISAKU IMAIZUMI	2. Name and address of receiving party(ies): Name: SHARP KABUSHIKI KAISHA Address: 22-22 Nagaike-cho, Abeno-ku
Additional names(s) of conveying party(ies)	27.5 8.7.5 0.00
3. Nature of conveyance:	00/5
☑ Assignment ☐ Merger	0
☐ Security Agreement ☐ Change of Name	City: Osaka State/Prov.:
Other	Country: Japan ZIP:
Execution Date: March 22, 2000	Additional name(s) & address(es)
4. Application number(s) or registration numbers(s): If this document is being filed together with a new application, Patent Application No. Filing date	B. Patent No.(s)
If this document is being filed together with a new application,	
If this document is being filed together with a new application,	B. Patent No.(s)
If this document is being filed together with a new application, Patent Application No. Filing date Additional numbers	B. Patent No.(s)
If this document is being filed together with a new application, Patent Application No. Filing date Additional numbers Name and address of party to whom correspondence concerning document should be mailed: Name: David A. Tucker	B. Patent No.(s) → 1/54572
If this document is being filed together with a new application, Patent Application No. Filing date Additional numbers Name and address of party to whom correspondence concerning document should be mailed: Name: David A. Tucker	B. Patent No.(s) Yes No 6. Total number of applications and patents involved:
If this document is being filed together with a new application, Patent Application No. Filing date Additional numbers Name and address of party to whom correspondence concerning document should be mailed: Name: David A. Tucker	B. Patent No.(s) Yes No 6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41):
Additional numbers Name and address of party to whom correspondence concerning document should be mailed: Name: David A. Tucker Registration No. Filing date Additional numbers Line Address: Dike, Bronstein, Roberts & Cushman, LLP 130 Water Street	B. Patent No.(s) Yes No 6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41):\$ Enclosed - Any excess or insufficiency should be credited or debited to deposit account
If this document is being filed together with a new application, Patent Application No. Filing date Additional numbers 5. Name and address of party to whom correspondence concerning document should be mailed: Name: David A. Tucker Address: Dike, Bronstein, Roberts & Cushman, LLP	B. Patent No.(s) Yes No 6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41):

Signature

Total number of pages including cover sheet, attachments, and

PATENT REEL: 010698 FRAME: 0100

April 7, 2000

Date

ASSIGNMENT

We	Makoto U	ÆHARA			,
	Toshihir				
and	Yasutaka	MAEDA	CHARD VAL	WOUTH WATER	
for good	and valuable	consideration from			ration,
hereinaft sell, ass right, ti United St	er called th ign and tran tle and inte ates Serial	place of business in e Assignee, receipt usfer unto the Assign rest in, to and und	of which is home, its succe er an applicat	Japan pereby acknowledged essors and assigns, tion for Letters Pa	, do hereby the entire tent of the
therein so	et forth and untries fore	y rights ensuing the described, and any ign thereto which m ly for such Letters	and all Lette ay be granted	ers Patent of the U	nited States
its successor of a cor reissue. Assignee,	ssors or ass attorney, as e, or other its success on and all p	consideration we igns, to execute and signment, application papers which may be ors and assigns, the atent rights there	d deliver with on, whether or necessary or e inventions a	nout further compensional, divisional desirable fully to and any of them desc	sation any continuation secure to the ribed in said
Cushman which ma	the power y be necess	hereby grant(s) t to insert on this ary or desirable demark Office for	s Assignment in order to	any further ide	entification rules of the
IN WITH	NESS WHERECO	F, I, Makoto 22th day of Ma: , hereunto set my Yasutaka MAEDA of March	UEHARA rch	, 2000 I,	ereunto set my Toshihiro
2000 and	I,	Yasutaka MAEDA	y nanu anu sea	hereunto set my har	March
this 22th	n day d	of March	,2000 -		
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				1) double 1	Carrie
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Commonweal County of	lth [State] (of	ss.		
Before	e me this	day of, who is to	n me personall	, 19, personally	appeared
the forego	oing instrum	ent of assignment to	be [her] his	free act and deed	•
				Notary Public	
				Notary Public	
Commonweal	lth [State] (of		Notary Public	
Commonweal County of	lth [State] (of	ss. •	Notary Public	
_		day of, who is to ent of assignment to		-	appeared ledged
_				-	appeared ledged

*Where the application is assigned before it is filed, and hence has no Serial No., this shall be left blank.

PATENT REEL: 010698 FRAME: 0101

ASSIGNMENT

We Takashi KITAGAWA Katsuhiro NAGAYAMA	
and Shouji TOMITA	<u> </u>
for good and valuable consideration from SHARP	KABUSHTKI KATSHA
, a Japane	
having its principal place of business in <u>Osaka</u> , hereinafter called the Assignee, receipt of which i sell, assign and transfer unto the Assignee, its suright, title and interest in, to and under an appli	Japan s hereby acknowledged, do hereby ccessors and assigns, the entire
including all priority rights ensuing therefrom, an therein set forth and described, and any and all Le and of countries foreign thereto which may be grant with the right to apply for such Letters Patent.	tters Patent of the United States
And for the above consideration we agree pro- its successors or assigns, to execute and deliver w power of attorney, assignment, application, whether or reissue, or other papers which may be necessary. Assignee, its successors and assigns, the invention application and all patent rights therein, in the foreign thereto.	ithout further compensation any original, divisional, continuation or desirable fully to secure to the s and any of them described in said
The undersigned hereby grant(s) the law fire Cushman the power to insert on this Assignment which may be necessary or desirable in order to U.S. Patent and Trademark Office for recordation	ent any further identification to comply with the rules of the
IN WITNESS WHEREOF, I, Takashi KITAGAWA hand and seal this 22th day of March NAGAYAMA, hereunto set my hand and	, hereunto set my , 2000, I, Katsuhiro seal this 22th day of March
NAGAYAMA , hereunto set my hand and 2000 and I, Shouji TOMITA this 22th day of March ,2000	, hereunto set my hand and seal
	Takashi Kitagawa Ratsuhira nagusyuma
	Shorp Toma
	> nough 19m. ta
County ofss.	
Before me this day of, who is to me person	, 19_, personally appeared ally known, and acknowledged
the foregoing instrument of assignment to be [her]	his free act and deed.
	Notary Public
County ofss.	
Before me this day of , who is to me persona the foregoing instrument of assignment to be [her]	, 19, personally appeared lly known, and acknowledged his free act and deed.
	Notary Public

*Where the application is assigned before it is filed, and hence has no Serial No., this shall be left blank.

PATENT REEL: 010698 FRAME: 0102

ASSIGNMENT

We Kaori DAKESHITA	,
Daisaku IMAIZUMI	
for good and valuable consideration from SI	IARP KABUSHIKI KAISHA
having its principal place of business in Osaka, hereinafter called the Assignee, receipt of which is sell, assign and transfer unto the Assignee, its succeipt, title and interest in, to and under an application of the States Serial No. [Interest in IMAGE FORMING APPARATUS]	Japan hereby acknowledged, do hereby cessors and assigns, the entire
including all priority rights ensuing therefrom, and therein set forth and described, and any and all Lett and of countries foreign thereto which may be granted with the right to apply for such Letters Patent.	ters Patent of the United States
And for the above consideration we agree promptits successors or assigns, to execute and deliver with power of attorney, assignment, application, whether converse, or other papers which may be necessary or Assignee, its successors and assigns, the inventions application and all patent rights therein, in the Unforeign thereto.	thout further compensation any original, divisional, continuation r desirable fully to secure to the and any of them described in said
The undersigned hereby grant(s) the law firm Cushman the power to insert on this Assignmen which may be necessary or desirable in order to U.S. Patent and Trademark Office for recordation	t any further identification comply with the rules of the
	, hereunto set my , 2000, I, <u>Daisaku</u> eal this 22th day of <u>March</u> , hereunto set my hand and seal
	Kaori Dakeshita
	Kacri Dakeshita Daisaku Imaizumi
	·
Commonwealth [State] ofss.	
Before me this day of , who is to me personal the foregoing instrument of assignment to be [her] has	, 19_, personally appeared
the foregoing instrument of assignment to be [her] has	is free act and deed.
	Notary Public
County ofss.	
Before me this day of , who is to me personal	, 19, personally appeared ly known, and acknowledged
the foregoing instrument of assignment to be [her] hi	is free act and deed.
	Notary Public

*Where the application is assigned before it is filed, and hence has no Serial No., this shall be left blank.

RECORDED: 04/07/2000

PATENT REEL: 010698 FRAME: 0103