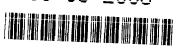
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Our Ref.: 3789-16

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1. Name of conveying party(ies):	2. Name and address of receiving party(ies):				
Kohji SHINKAWA Keiko YUTANI	Name: SHARP KABUSHIKI KAISHA				
Hideyuki NISHIMURA Hitoshi NAGAHAMA	Name: SHARP KABUSHIKI KAISHA Internal Address:				
Takeshi MURATA Savahi MACUNIO	Street Address: 22-22, Nagaike-cho, Abeno-ku, Osaka-shi				
Satosni MACHINO	Onet radiess. 22 22, ragaine one, ricens na, count on				
Additional name/s of conveying party/ies attached?					
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3. Nature of conveyance:	City: Osaka-fu				
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Other	-				
Execution Date: April 8, 2003	Additional name/s & address/es attached? Yes No				
4. Application number(s) or patent number(s):					
If this document is being filed together with a new application, the execu	eution date of the application is: April 8, 2003				
	1 p.p. (317)				
A. Patent Application No(s).	B. Patent No(s).				
(1) (2) (3) 10423964	(1)				
(2) 10423404	(2) (3)				
(3) Additional numbers	· ` ` /				
5. Name and address of party to whom correspondence	6. Total number of applications & patents involved:1				
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concerning document should be maried.	7. Total fee (37 CFR 3.41) \$ 40.00				
Name: H. Warren Burnam, Jr.	Enclosed				
Name	Authorized to be charged to deposit account #14-1140				
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Internal / tedress.	8. The Commissioner is hereby authorized to charge any				
Street Address: Nixon & Vanderhye P.C.	deficiency in the fee(s) filed, or asserted to be filed, or which				
1100 North Glebe Road	should have been filed herewith (or with any paper thereafter				
8 th Floor	filed in this application by this firm) to our Account No.				
City: Arlington State: VA Zip: 22201	14-1140.				
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9. Statements and signature.	rmation is true and correct and any attached copy is a true copy				
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H. Warren Burnam, Jr.	April 28, 2003				
Name of Person Signing	Signature Date				
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4/29/2003 HMARZI1 00000023 10423964					
2 FC:8021 40.00 OP					

PATENT

732868

REEL: 014013 FRAME: 0808

ASSIGNMENT OF PATENT APPLICATION

Kohji SHINKAWA Hideyuki NISHIMURA Takeshi MURATA Satoshi MACHINO Keiko YUTANI

Hitoshi NAGAHAMA

(Inventors)

(Assignee) (Address)

(Other

(Title)

Countries)

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(SHARP KABUSHIKI KAISHA)

(of 22-22, Nagaike-cho, Abeno-ku, Osaka-shi, Osaka-fu 545-8522 Japan

(hereinafter designated as the Assignee) the undersigned's entire right, title and interest for the United States, its territories, dependencies and possessions, and for

the country of

(in the invention, and all application for patent and any Letters Patent which may be granted therefore, known as

IMAGE FORMING DEVICE, TONER AND COPY

(Case No. -)

for which the undersigned has (have) executed on even date herewith an application for patent in the United States of America or, if not on even date, then has executed (on or has already filed in

(U.S. appln. Serial No. , filed on

(The undersigned acknowledges an obligation of assignment of this invention to said assignee at the time the invention was made.

The undersigned agree(s) to execute all papers and documents necessary in connection with the application or any interference which may be declared and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient and further to perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of NIXON & VANDERHYE P.C. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document. It is understood and agreed

PATENT REEL: 014013 FRAME: 0809 that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned signature(s).

Date	April 8, 2003	Signature of inventor	(Kohji Shinkawa
Date _	April 8, 2003	Signature of inventor	Kohji SHINKAWA
Date	April 8, 2003	Signature of inventor	Hideyuki NISHIMURA (Takeshu Mulata
Date	April 8, 2003	Signature of inventor	Takeshi MURATA (Satish Machino
Date	April 8, 2003	Signature of inventor	Satoshi MACHINO (Keiko Yutani
Date _	April 8, 2003	Signature of inventor	Keiko YUTANI (
Date _		Signature of inventor	Hitoshi NAGAHAMA (
Date _		Signature of inventor	(
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RECORDED: 04/28/2003