



RECORDAT

P.

06-05-2006



103249954

U.S. Department of Commerce
Patents and Trademark Office

Our Ref.: 4255-31

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Jinichi Nagata Toshiki OHGITA
Naofumi Okada Yoshitaka MATSUMOTO
Kouzou Yamaguchi Hideo YOSHIKAWA
Susumu HASHIMOTO Yasunobu OHKAWA

Additional name/s of conveying party/ies attached? ☒

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Assignment ☐ Change of Name
☐ Other

Execution Date: May 9, 2006

2. Name and address of receiving party(ies):

(1) Name: Sharp Kabushiki Kaisha
Street Address: 22-22, Nagaike-cho, Abeno-ku
City: Osaka-shi, Osaka
State/Country: Japan Zip: 545-8522

(2) Name:
Street Address:
City:
State/Country: Zip:

Additional name/s & address/es attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s): ☐ This assignment is being filed together with a new application.

A. Patent Application No(s).

(1) 11/362,429

(2)

(3)

B. Patent No(s).

(1)

(2)

(3)

Additional numbers attached ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: H. Warren Burnam, Jr.

Internal Address:

Street Address: Nixon & Vanderhye P.C.

901 North Glebe Road

11th Floor

City: Arlington State: VA Zip: 22203

6. Total number of applications & patents involved: 1

7. Total fee (37 CFR 3.41)

\$ 40.00

☒ Enclosed

☐ Authorized to be charged to deposit account #14-1140

8. The Commissioner is hereby authorized to charge any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this 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 information is true and correct and any attached copy is a true copy of the original document.

H. Warren Burnam, Jr.

Name of Person Signing

Reg. No. 29,366

H. Warren Burnam, Jr.
Signature

May 30, 2006

Date

Total number of pages including original cover sheet, attachments, and document: [6]

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:

Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

06/01/2006 HALI11 00000046 11362429

07 FC:8021

40.00 DP

1078577

PATENT
REEL: 017933 FRAME: 0122



RECORDATION FORM COVER SHEET

PATENTS ONLY

Our Ref: 4255-31

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Kazuhito SHIMURA
Tomohisa SHIMIZU

2. Name:

Street Address:
City:
State:
Zip:

4. Application number(s) or patent number(s):

A. Patent Application No(s).

(4)
(5)
(6)
(7)
(8)
(9)

B. Patent No(s).

(4)
(5)
(6)
(7)
(8)
(9)

ASSIGNMENT OF PATENT APPLICATION

**Jinichi NAGATA
Naofumi OKADA
Kouzou YAMAGUCHI
Susumu HASHIMOTO
Toshiki OHGITA
Yoshitaka MATSUMOTO
Hideo YOSHIKAWA
Yasunobu OHKAWA**

(Inventors)

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

**(Assignee)
(Address)**

Sharp Kabushiki Kaisha
(of 22-22, Nagaike-cho, Abeno-ku, Osaka-shi, Osaka, 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

**(Other
Countries)
(Title)**

(in the invention, and all application for patent and any Letters Patent which may be granted therefore, known as
IMAGE FORMING APPARATUS (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 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 May 9, 2006 Signature of inventor (*Jinichi Nagata*
Jinichi NAGATA

Date May 9, 2006 Signature of inventor (*Naofumi Okada*
Naofumi OKADA

Date May 9, 2006 Signature of inventor (*Kouzou Yamaguchi*
Kouzou YAMAGUCHI

Date May 9, 2006 Signature of inventor (*Susumu Hashimoto*
Susumu HASHIMOTO

Date May 9, 2006 Signature of inventor (*Toshiki Ohgita*
Toshiki OHGITA

Date May 9, 2006 Signature of inventor (*Yoshitaka Matsumoto*
Yoshitaka MATSUMOTO

Date May 9, 2006 Signature of inventor (*Hideo Yoshikawa*
Hideo YOSHIKAWA

Date May 9, 2006 Signature of inventor (*Yasunobu Ohkawa*
Yasunobu OHKAWA

Date _____ Signature of inventor (_____

Date _____ Signature of inventor (_____

Witnessed by: _____

Date _____

Witnessed by: _____

Date _____

Witnessed by: _____

Date _____

ASSIGNMENT OF PATENT APPLICATION

Kazuhito SHIMURA
Tomohisa SHIMIZU

(Inventors)

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

(Assignee)

Sharp Kabushiki Kaisha

(Address)

(of 22-22, Nagaike-cho, Abeno-ku, Osaka-shi, Osaka, 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

(Other Countries)

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

(Title)

IMAGE FORMING APPARATUS (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 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 May 9, 2006 Signature of inventor (Kazuhito Shimura
Kazuhito SHIMURA

Date May 9, 2006 Signature of inventor (Tomohisa Shimizu
Tomohisa SHIMIZU

Date _____ Signature of inventor (_____

Date _____ Signature of inventor (_____

Date _____ Signature of inventor (_____

Date _____ Signature of inventor (_____

Date _____ Signature of inventor (_____

Date _____ Signature of inventor (_____

Date _____ Signature of inventor (_____

Date _____ Signature of inventor (_____

Witnessed by: _____

Date _____

Witnessed by: _____

Date _____

Witnessed by: _____

Date _____