

Docket No.: 48540

FORM PTO-1595 (Modified)  
(Rev. 6-93)  
OMB No. 0651-0011 (exp. 4/94)  
Copyright 1996-97 LegalStar  
P08A/REV02

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08-12-1998



U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

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To the Honorable Commissioner of Patent

100790754

Attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Shirou Wakahara  
Yukihito Nishio  
Yasuhiro Takai  
Hirokazu Fujita

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

## 3. Nature of conveyance:

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

Execution Date: July 10, 1998

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

Name: Sharp Kabushiki Kaisha

Address: 22-22, Nagaike-cho, Abeno-ku, Osaka-shi,

Osaka, Japan

City: \_\_\_\_\_ State/Prov: \_\_\_\_\_

Country: \_\_\_\_\_ ZIP: \_\_\_\_\_

Additional name(s) &amp; address(es)

☐ Yes ☒ No

## 4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is: July 10, 1998

Patent Application No.

Filing date

B. Patent No.(s)

Additional numbers

☐ Yes ☒ No

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

Name: David G. Conlin, Esquire

Registration No. 27,026

Address: Dike, Bronstein, Roberts &amp; Cushman, LLP

130 Water Street

City: Boston

State/Prov.: MA

08/10/1998 SCAMICH 00000040 09129202

Country: U.S.A.

ZIP: 02109

## 6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41):.....\$ 40.00

☒ Enclosed - Any excess or insufficiency should be credited or debited to deposit account☐ Authorized to be charged to deposit account

## 8. Deposit account number:

04-1105

## 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.

David G. Conlin

Name of Person Signing

Signature

July 24, 1998

Date

3

Total number of pages including cover sheet, attachments, and

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PATENT  
REEL: 9371 FRAME: 0550

ATTORNEY DOCKET NO.

## ASSIGNMENT

Serial No. \_\_\_\_\_

Filed \_\_\_\_\_

WHEREAS, Shirou WAKAHARA, Yukihiro NISHIO, Yasuhiro TAKAI  
and Hirokazu FUJITA

Insert Name(s)  
of Inventor(s)

(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements  
in IMAGE FORMING APPARATUS IN WHICH TONER IS REMOVED BY  
CHANGING ELECTRIC FIELD BETWEEN OPPOSING ELECTRODE AND  
CONTROL ELECTRODE

Insert Title  
of Invention

for which an application for Letters Patent of the United States of America has been executed by the  
undersigned on July 10, 1998; and

Insert Date  
of Signing of  
Application

WHEREAS, Sharp Kabushiki Kaisha

Insert Name  
of Assignee

Insert Address  
of Assignee

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

its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is  
desirous of acquiring the entire right, title and interest in and to said invention and in and to any  
Letters Patent(s) that may be granted therefor in the United States of America;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to the undersigned in  
hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration,  
the undersigned has (have) sold, assigned and transferred, and by these presents do sell, assign and  
transfer unto said Assignee the full and exclusive right to the said invention in the United States of  
America and its territories, dependencies and possessions and the entire right, title and interest and  
to any and all Letters Patent(s) which may be granted therefor in the United States of America and  
its territories, dependencies and possessions, and in and to any and all divisions, reissues,  
continuations and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and  
any continuing, divisional or reissue applications thereof and also to execute separate assignments in  
connection with such applications as the Assignee may deem necessary or expedient.

PATENT

REEL: 9371 FRAME: 0551

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention of the 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(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) the request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patents of the United States of America resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the 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 law firm of Dike, Bronstein, Robert & Cushman 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 U.S. Patent and Trademark Office for recordation of this document.

Date July 10, 1998, Name of Inventor Shirou Wakahara  
(signature) Shirou WAKAHARA

Date July 10, 1998, Name of Inventor Yukihito Nishio  
(signature) Yukihito NISHIO

Date July 10, 1998, Name of Inventor Yasuhiro Takai  
(signature) Yasuhiro TAKAI

Date July 10, '98, Name of Inventor Hirokazu Fujita  
(signature) Hirokazu FUJITA

Date \_\_\_\_\_, Name of Inventor \_\_\_\_\_  
(signature)

Date \_\_\_\_\_, Name of Inventor \_\_\_\_\_  
(signature)

Date \_\_\_\_\_, Name of Inventor \_\_\_\_\_  
(signature)

Date \_\_\_\_\_, Name of Inventor \_\_\_\_\_  
(signature)

Date \_\_\_\_\_, Name of Inventor \_\_\_\_\_  
(signature)

Date \_\_\_\_\_, Name of Inventor \_\_\_\_\_  
(signature)