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Docket No. 48,247

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R SHEET

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

JC542 U.S. PTO
09/048398
03/26/98

1. Name of Conveying Party(ies):

Yoshinori Urata, Hitoshi Nagahama,
Yasuharu Morinishi, Satoshi Ogawa,
Toshihiro Ishida, Tadashi Nakamura, and
Takahiro Bito

Additional name(s) of conveying party(ies) attached? No

2. Name and address of receiving party(ies)

Name: **Sharp Kabushiki Kaisha**Street Address: **22-22, Nagaike-cho, Abeno-ku****Osaka 545, JAPAN**

City: _____ State: _____ ZIP: _____

Additional name(s) & address(es) attached? No

3. Nature of conveyance:

MRD 3-26-98

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other: _____

Execution Date: **March 12, 1998**

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

If this document is being filed together with a new application, the execution date of the application is: **March 12, 1998**

A. Patent Application No.(s)

09/048398

B. Patent No.(s)

Additional numbers attached? No

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

Name: **David G. Conlin, Esq.**

Internal Address: _____

Street Address: **Dike, Bronstein, Roberts, etal., LLP****130 Water Street**City: **Boston** State: **MA** ZIP: **02109**04/01/1998 KAWLINB 00000046 09048398
\$2 FC:581 40.00 OP6. No. of applications and/or patents involved: 17. Total fee (37 CFR 3.41)..... \$ **40.00**

- ☒ Enclosed
☐ Authorization to charge deposit account
☐ Total amount due
☐ Any fee deficiencies that may be due

8. Deposit account number:

(Attach duplicate copy of this page if paying by deposit account)

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.

Peter F. Corless, Esq. (33,860)

Name and Registration Number of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: 4

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks, Box Assignments

Washington, DC 20231

PATENT

REEL: 9059 FRAME: 0782

A S S I G N M E N T

We Yoshinori URATA,
Hitoshi NAGAHAMA,
 and Yasuharu MORINISHI
 for good and valuable consideration from SHARP KABUSHIKI KAISHA
 , a Japanese corporation,
 having its principal place of business in Osaka, Japan
 hereinafter called the Assignee, receipt of which is hereby acknowledged, do hereby
 sell, assign and transfer unto the Assignee, its successors and assigns, the entire
 right, title and interest in, to and under an application for Letters Patent of the
 United States Serial No. _____, filed on _____ * signed by us
 for Improvements in TONER, DEVELOPER, AND PROCESS FOR PRODUCING THE SAME

including all priority rights ensuing therefrom, and the inventions and any of them
 therein set forth and described, and any and all Letters Patent of the United States
 and of countries foreign thereto which may be granted thereon or therefor, together
 with the right to apply for such Letters Patent.

And for the above consideration we agree promptly upon request of the Assignee,
 its successors or assigns, to execute and deliver without further compensation any
 power of attorney, assignment, application, whether original, divisional, continuation
 or reissue, or other papers which may be necessary or desirable fully to secure to the
 Assignee, its successors and assigns, the inventions and any of them described in said
 application and all patent rights therein, in the United States and in any country
 foreign thereto.

The undersigned hereby grant(s) the law firm of Dike, Bronstein, Roberts &
 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.

IN WITNESS WHEREOF, I, Yoshinori URATA, hereunto set my
 hand and seal this 12th day of March, 1998 I, Hitoshi
NAGAHAMA, hereunto set my hand and seal this 12th day of March
 1998, and I, Yasuharu MORINISHI, hereunto set my hand and seal
 this 12th day of March, 1998.

Yoshinori Urata
Hitoshi Nagahama
Yasuharu Morinishi

Commonwealth [State] of _____ ss.
 County of _____

Before me this _____ day of _____, 19____, personally appeared
 _____, who is to me personally known, and acknowledged
 the foregoing instrument of assignment to be [her] his free act and deed.

 Notary Public

Commonwealth [State] of _____ ss.
 County of _____

Before me this _____ day of _____, 19____, personally appeared
 _____, who is to me personally known, and acknowledged
 the foregoing instrument of assignment to be [her] 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.

A S S I G N M E N T

We Satoshi OGAWA
Toshihisa ISHIDA
 and Tadashi NAKAMURA
 for good and valuable consideration from SHARP KABUSHIKI KAISHA
 , a Japanese corporation,
 having its principal place of business in Osaka, Japan
 hereinafter called the Assignee, receipt of which is hereby acknowledged, do hereby
 sell, assign and transfer unto the Assignee, its successors and assigns, the entire
 right, title and interest in, to and under an application for Letters Patent of the
 United States Serial No. _____, filed on _____ * signed by us
 for Improvements in TONER, DEVELOPER, AND PROCESS FOR PRODUCING THE SAME

including all priority rights ensuing therefrom, and the inventions and any of them
 therein set forth and described, and any and all Letters Patent of the United States
 and of countries foreign thereto which may be granted thereon or therefor, together
 with the right to apply for such Letters Patent.

And for the above consideration we agree promptly upon request of the Assignee,
 its successors or assigns, to execute and deliver without further compensation any
 power of attorney, assignment, application, whether original, divisional, continuation
 or reissue, or other papers which may be necessary or desirable fully to secure to the
 Assignee, its successors and assigns, the inventions and any of them described in said
 application and all patent rights therein, in the United States and in any country
 foreign thereto.

The undersigned hereby grant(s) the law firm of Dike, Bronstein, Roberts &
 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.

IN WITNESS WHEREOF, I, Satoshi OGAWA, hereunto set my
 hand and seal this 12th day of March, 1998 I, Toshihisa
ISHIDA, hereunto set my hand and seal this 12th day of March
 1998, and I, Tadashi NAKAMURA, hereunto set my hand and seal
 this 12th day of March, 1998.

Satoshi Ogawa
Toshihisa Ishida
Tadashi Nakamura

Commonwealth [State] of _____
 County of _____ ss.

Before me this _____ day of _____, 19____, personally appeared
 _____, who is to me personally known, and acknowledged
 the foregoing instrument of assignment to be [her] his free act and deed.

 Notary Public

Commonwealth [State] of _____
 County of _____ ss.

Before me this _____ day of _____, 19____, personally appeared
 _____, who is to me personally known, and acknowledged
 the foregoing instrument of assignment to be [her] 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.

A S S I G N M E N T

We Takahiro BITO,
 and _____,
 for good and valuable consideration from SHARP KABUSHIKI KAISHA,
 a Japanese corporation,
 having its principal place of business in Osaka, Japan,
 hereinafter called the Assignee, receipt of which is hereby acknowledged, do hereby
 sell, assign and transfer unto the Assignee, its successors and assigns, the entire
 right, title and interest in, to and under an application for Letters Patent of the
 United States Serial No. _____, filed on _____ * signed by us
 for Improvements in TONER, DEVELOPER, AND PROCESS FOR PRODUCING THE SAME
 including all priority rights ensuing therefrom, and the inventions and any of them
 therein set forth and described, and any and all Letters Patent of the United States
 and of countries foreign thereto which may be granted thereon or therefor, together
 with the right to apply for such Letters Patent.

And for the above consideration we agree promptly upon request of the Assignee,
 its successors or assigns, to execute and deliver without further compensation any
 power of attorney, assignment, application, whether original, divisional, continuation
 or reissue, or other papers which may be necessary or desirable fully to secure to the
 Assignee, its successors and assigns, the inventions and any of them described in said
 application and all patent rights therein, in the United States and in any country
 foreign thereto.

The undersigned hereby grant(s) the law firm of Dike, Bronstein, Roberts &
 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.

IN WITNESS WHEREOF, I, Takahiro BITO, hereunto set my
 hand and seal this 12th day of March, 1998, I, _____,
 hereunto set my hand and seal this _____ day of _____,
 19____, and I, _____, hereunto set my hand and seal
 this _____ day of _____, 19____.

Takahiro Bito

Commonwealth [State] of _____ ss.
 County of _____

Before me this _____ day of _____, 19____, personally appeared
 _____, who is to me personally known, and acknowledged
 the foregoing instrument of assignment to be [her] his free act and deed.

 Notary Public

Commonwealth [State] of _____ ss.
 County of _____

Before me this _____ day of _____, 19____, personally appeared
 _____, who is to me personally known, and acknowledged
 the foregoing instrument of assignment to be [her] 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.