

U.S. PTO
12/806616
08/17/2010

Form PTO-1595 (Rev. 03-09)
OMB No. 0651-0027 (exp. 03/31/2009)

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

08-27-2010



103605707

T

To the Director of the U.S. Patent and Trademark Office

Documents or the new address(es) below.

Address of receiving party(ies)

1. Name of conveying party(ies).

Tomoko Toizumi (06/02/2010), Masanori Matsumoto (06/03/2010), and Tsutomu Yoshimoto (06/04/2010)

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

Name: Sharp Kabushiki Kaisha

Internal Address:

Street Address:

22-22, Nagaike-cho
Abeno-ku
Osaka-Shi, Osaka
545-8522
JAPAN

City:

State:

Country:

Zip:

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s): in parentheses after inventor name

- ☒ Assignment ☐ Merger ☐ Change of Name
☐ Security Agreement ☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other

4. Application or patent number(s):

☒ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: David G. Conlin
EDWARDS ANGELL PALMER & DODGE
LLP

Internal Address: Atty. Dkt.: 86888(49321)
Street Address: P.O. Box 55874

City: Boston

State: MA Zip: 02205

Phone Number: (617) 517-5515

Fax Number: (888) 325-9129

Email Address: DConlin@eapdlaw.com

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

Deposit Account Number 04-1105

Authorized User Name Peter J. Manus

9. Signature:

Signature

August 17, 2010

Date

Peter J. Manus - 26,766

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

3

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service as Express Mail, Label No. EM053209780US, on the date shown below in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: August 17, 2010

Signature: (Laurie Brown)

PATENT

REEL: 024905 FRAME: 0728

ASSIGNMENT

WHEREAS, the following inventor(s) Tomoko Toizumi, Masanori Matsumoto and Tsutomu Yoshimoto (hereinafter referred to as undersigned) has (have) invented certain new and useful improvements in PRINTING SYSTEM for which an application for Letters Patent of the United States is being filed concurrently herewith (or has been filed on _____, Serial No. _____); and

WHEREAS, Sharp Kabushiki Kaisha a Japanese Corporation having its principal place of business at 22-22, Nagaike-cho, Abeno-ku, Osaka-shi, Osaka 545-8522 Japan, its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee(s)) is desirous of acquiring the entire right, title and interest in and to said invention and to any Letters Patent(s) that may be granted therefor in the United States of America;

NOW, THEREFORE, in consideration of the sum One Dollar (\$1.00), and other good and valuable consideration to the undersigned, the receipt of which is hereby acknowledged, the undersigned has (have) sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee(s), 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 in 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(s) may deem necessary or expedient.

The undersigned agree(s) to furnish all pertinent facts and documents relating to said application, said invention and said patent(s) as may be known and accessible to the undersigned, and will testify as to the same in any interference or litigation related thereto, and will promptly execute and deliver to Assignee(s) any and all papers, instruments or affidavits necessary or desirable to apply for, obtain, maintain or enforce said application or said patent(s) in connection with any interference which may be declared, and any litigation concerning this application or any continuation, division or reissue thereof or Patent(s) or reissue patent(s) issued thereon, and to cooperate with the Assignee(s) in every way possible in obtaining and producing evidence and proceeding with such interference or litigation.

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 for 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(s) and to vest all rights therein hereby conveyed to said Assignee(s) 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 grant(s) to EDWARDS & ANGELL LLP, P.O. Box 55874, Boston, Massachusetts 02205, U.S.A., 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 and Trademark Office for recordation of this document.

The undersigned hereby authorize(s) and 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(s), as Assignee(s) of the entire interest, and hereby covenants that he or she has the full right to convey the entire interest herein assigned, and that he or she has not executed, and will not execute, any agreement in conflict herewith.

IN WITNESS WHEREOF, signed by the undersigned on the date(s) opposite the undersigned names.

Dated <u>June 2, 2010</u>	Signature of Inventor Name	<u>Tomoko Toizumi</u> Tomoko Toizumi
Dated <u>June 3, 2010</u>	Signature of Inventor Name	<u>Masanori Matsumoto</u> Masanori Matsumoto
Dated <u>June 4, 2010</u>	Signature of Inventor Name	<u>Tsutomu Yoshimoto</u> Tsutomu Yoshimoto
Dated _____	Signature of Inventor Name	_____

468396

Assignment Page 2 of 2