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

*meo 10/20/05*

1. Name of conveying party(ies):  
 Kayo KAMEI  
 Motokazu NAKAO  
 Masatsugu HATANAKA  
 Shigeru YOSHIDA

Additional name/s of conveying party/ies attached?

3. Nature of conveyance:  
 Assignment  Merger  
 Security Assignment  Change of Name  
 Other \_\_\_\_\_

Execution Date: October 4, 2005

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 application is being filed together with a new application.

A. Patent Application No(s).  
 (1)  
 (2)  
 (3)

B. Patent No(s).  
 (1)  
 (2)  
 (3)

Additional numbers attached  Yes  No

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

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

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.**

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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.  October 20, 2005  
 Name of Person Signing Signature Date  
 Reg. No. 29,366

Total number of pages including original cover sheet, attachments, and document: [3]

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*(Handwritten notes and stamps)*

# ASSIGNMENT OF PATENT APPLICATION

**Kayo KAMEI**  
**Motokazu NAKAO**  
**Masatsugu HATANAKA**  
**Shigeru YOSHIDA**

**(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 Oct. 4, 2005 Signature of inventor ( *Kayo Kamei*  
**Kayo KAMEI**

Date Oct. 4, 2005 Signature of inventor ( *M.N. Motokazu Nakao*  
**Motokazu NAKAO**

Date Oct. 4, 2005 Signature of inventor ( *Masatsugu Hatana*  
**Masatsugu HATANAKA**

Date Oct. 4, 2005 Signature of inventor ( *Shigeru Yoshida*  
**Shigeru YOSHIDA**

Date \_\_\_\_\_ Signature of inventor ( \_\_\_\_\_

Date \_\_\_\_\_ Signature of inventor ( \_\_\_\_\_

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Date \_\_\_\_\_ Signature of inventor ( \_\_\_\_\_

Witnessed by: \_\_\_\_\_

Date \_\_\_\_\_

Witnessed by: \_\_\_\_\_

Date \_\_\_\_\_

Witnessed by: \_\_\_\_\_

Date \_\_\_\_\_