**TO THE DIRECTOR OF THE U.S. PATENT AND TRADEMARK OFFICE**

1. **Name of conveying party(ies):**
   - Toshiaki Kagawa 5
   - Kohji Shinkawa 6
   - Tohru Sakuwa 7
   - 8

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:
     - Zip:

3. **Additional name(s) of conveying party(ies) attached?**
   - No

4. **Nature of conveyance:**
   - [X] Assignment
   - [ ] Merger
   - [ ] Security Assignment
   - [ ] Change of Name
   - [ ] Other

   **Execution Date:** May 31, 2007, respectively

5. **Application number(s) or patent number(s):**
   - [ ] This assignment is being filed together with a new application.
     - (1) 11/790,288
     - (2)
     - (3)

   **Additional numbers attached**
   - [ ] Yes
   - [X] No

6. **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

7. **Total fee (37 CFR 3.41)**
   - [X] Enclosed
   - [ ] Authorized to be charged to deposit account #14-1140
   - $40.00

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. **Signature:**
   - H. Warren Burnam, Jr.
   - **Date:** June 19, 2007

**Total number of pages including original cover sheet, and document(s):**

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
ASSIGNMENT OF U.S. PATENT APPLICATION

(Inventors)
Toshiaki KAGAWA
Kouji SHINKAWA
Tohru SAKUWA

(Assignee)
SHARP KABUSHIKI KAISHA
22-22 Nagaike-cho Abeno-ku Osaka-shi Osaka 545-8522 Japan
(a corporation of Osaka, Japan)

(Address)

(TITLE)
IMAGE FORMING APPARATUS, PROCESS CARTRIDGE USED THEREIN, AND PRODUCTION METHOD OF CHARGING ROLLER

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 April 24, 2007.

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 31, 2007
Signature of inventor Toshiaki Kagawa
Date May 31, 2007
Signature of inventor Kouji Shinkawa
Date May 31, 2007
Signature of inventor Tohru Sakuwa

Witnessed by: Masamichi Akiyama
Date June 1, 2007

PATENT
REEL: 019476 FRAME: 0106
RECORDED: 06/19/2007

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