To the Honorable Commissioner of Patents and Trademarks

1. Name of conveying party(ies):
   Kazuhiro ISHIGURO
   Additional name(s) of conveying party(ies) attached? [ ] Yes [X] No

2. Name and address of receiving party(ies):
   Name: MINOLTA CO., LTD.
   Address: Osaka Kokusai Bldg., 3-13
             2-chome, Azuchi-machi, Chuo-ku
             Osaka-shi
             Osaka, 541-8556 Japan
   Additional name(s) & address(es) attached? [ ] Yes [X] No

3. Nature of conveyance:
   [X] Assignment [ ] Merger
   [ ] Security Agreement [ ] Change of Name
   Other:

Execution Date: March 8, 2002

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:
   A. Patent Application No.(s)
      10/099940
   B. Patent No.(s)

   Additional numbers attached? [ ] Yes [X] No

5. Name and address of party to whom correspondence concerning document should be mailed:
   Name: Platon N. Mandros
   Address: BURNS, DOANE, SWICKER & MATHIS, L.L.P.
            P.O. Box 1404
            Alexandria, Virginia 22313-1404

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR §§ 3.41): $40.00
   [X] Enclosed
   [X] Authorized to be charged to deposit account, if necessary

8. Deposit account number:
   02-4800

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.
   Platon N. Mandros
   Name of Person Signing
   Signature
   March 19, 2002
   Date

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

Commissioner of Patents and Trademarks
Box Assignments
Washington, D.C. 20231

(09/99)
ASSIGNMENT
(SOLE)

THIS ASSIGNMENT, by Kazuhiro ISHIGURO, residing at Toyokawa-Shi, Aichi-Ken, Japan (hereinafter referred to as "the Assignor"), respectively, witnesseth:

WHEREAS, the Assignor has invented certain new and useful improvements in IMAGE PROCESSING APPARATUS, IMAGE FORMING APPARATUS, AND IMAGE PROCESSING METHOD set forth in an application for Letters Patent of the United States, which is a

☐ provisional application ☑ non-provisional application

1. (a) ☐ filed herewith;
   (b) ☑ to be filed;
2. ☑ having an oath or declaration executed on even date herewith prior to filing of application;
3. ☐ bearing Application No. _______, and filed on _______; and

WHEREAS, MINOLTA CO., LTD, a corporation duly organized under and pursuant to the laws of Japan and having a principal place of business at Osaka Kokusai Bldg., 3-13, 2-Chome, Azuchi-Machi, Chuo-Ku, Osaka-Shi, Osaka Japan (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, in consideration of One Dollar ($1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignor has sold, assigned, transferred, and set over, and by these presents does sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made;
AND for the same consideration, the Assignor hereby covenants and agrees to
and with the Assignee, its successors, legal representatives, and assigns, that, at the time of
execution and delivery of these presents, the Assignor is the sole and lawful owner of the
entire right, title, and interest in and to the inventions set forth in said applications and said
applications, including provisional applications, above-mentioned, and that the same are
unencumbered, and that the Assignor has good and full right and lawful authority to sell and
convey the same in the manner herein set forth;

AND for the same consideration, the Assignor hereby covenants and agrees to
and with the Assignee, its successors, legal representatives, and assigns that the Assignor
will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives,
and assigns, shall advise that any proceeding in connection with said inventions or said
applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent
or Patents for said inventions in any country, including interference proceedings, is lawful and
desirable, or that any application claiming priority to said application, division, continuation, or
continuation-in-part of any applications for Letters Patent or Patents, or any reissue or
extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable,
sign all papers and documents, take all lawful oaths, and do all acts necessary or required to
be done for the procurement, maintenance, enforcement, and defense of Letters Patent or
Patents for said inventions, without charge to the Assignee, its successors, legal
representatives, and assigns, but at the cost and expense of the Assignee, its successors,
legal representatives, and assigns;

AND the Assignor hereby authorizes and requests the attorneys of Burns,
Doane, Swecker & Mathis, L.L.P., of Alexandria, Virginia, to insert in the spaces provided
above the filing date, application number, and attorney’s docket number of said application
when known.

AND the Assignor hereby requests the Commissioner of Patents to issue any
and all said Letters Patent of the United States to the Assignee as the Assignee of said
inventions, the Letters Patent to be issued for the sole use and behalf of the Assignee, its
successors, legal representatives, and assigns.

DATE Jan. 8, 2002

Kazuhiko Ishiguro
Kazuhiko ISHIGURO SIGNATURE OF ASSIGNOR