1. Name of conveying party(ies):
   Qing Gao

2. Name and address of receiving party(ies):
   Name: Konica Minolta Holdings, Inc.
   Address: 6-1 Marunouchi 1-chome
            Chiyoda-ku, Tokyo, 100-0005 Japan
   City: State/Prov.: ZIP:
   Country: ZIP:

3. Nature of conveyance:
   - Assignment
   - Merger
   - Security Agreement
   - Change of Name
   - Other

   Execution Date: 12/03/2004

4. Application number(s) or patent numbers(s):
   If this document is being filed together with a new application, the execution date of the application is: 12/03/2004

5. Name and address of party to whom correspondence concerning document should be mailed:
   Name: Daniel F. Drexler
   Registration No. 47,535
   Address: Cantor Colburn LLP
            55 Griffin Road South
   City: Bloomfield State/Prov.: CT
   Country: USA ZIP: 06002

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): $ 40.00
   - Enclosed - Any excess or insufficiency should be credited or debited to deposit account
   - Authorized to be charged to deposit account

8. Deposit account number:
   06-1130

   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.
   Daniel F. Drexler
   Name of Person Signing Signature
   DEC. 16-2004 Date

Total number of pages including cover sheet, attachments, and
Mail documents to be recorded with required cover sheet information to:
Mail Stop Assignment Recordation Services
Director of the United States Patent and Trademark Office
P.O. Box 1450, Alexandria, VA 22313-1450

PATENT
REEL: 016104 FRAME: 0031
Assignment

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled: IMAGE PROCESSING APPARATUS, IMAGE PROCESSING METHOD AND IMAGE PROCESSING PROGRAM for which I/WE have filed an application for Letters Patent of the United States; and

WHEREAS,
Konica Minolta Holdings, Inc.,
a corporation of Japan whose post office address is
6-1 Marunouchi 1-chome, Chiyoda-ku, Tokyo, 100-0005 Japan,
is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/We, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/We hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with assignee, its successors and assigns, any facts known to me/us respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

IN TESTIMONY WHEREOF, I/We have hereunto set our hand(s).

<table>
<thead>
<tr>
<th>INVENTOR; SIGNATURE</th>
<th>DATE</th>
<th>RESIDENCE AND POST OFFICE ADDRESS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sign: Qing GAO</td>
<td>Date: November 3, 2004</td>
<td>Hino-shi, Tokyo, Japan</td>
</tr>
<tr>
<td>Type:</td>
<td>Citizen of: CHINA</td>
<td>c/o Konica Minolta Technology Center, Inc. 2970 Ishikawa-machi, Hachioji-shi, Tokyo, 192-8505 Japan</td>
</tr>
</tbody>
</table>

CANTOR COLBURN LLP
INTELLECTUAL PROPERTY ATTORNEYS

RECORDED: 12/16/2004