**PATENT ASSIGNMENT**

Electronic Version v1.1
Stylesheet Version v1.1

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<th>SUBMISSION TYPE:</th>
<th>NEW ASSIGNMENT</th>
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<td>NATURE OF CONVEYANCE:</td>
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### CONVEYING PARTY DATA

<table>
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<tr>
<th>Name</th>
<th>Execution Date</th>
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<tbody>
<tr>
<td>Kanji FURUHASHI</td>
<td>11/07/2008</td>
</tr>
<tr>
<td>Shuji KIKUCHI</td>
<td>11/07/2008</td>
</tr>
<tr>
<td>Akira KARAKAMA</td>
<td>11/07/2008</td>
</tr>
<tr>
<td>Yashuhiro GUNJI</td>
<td>11/07/2008</td>
</tr>
</tbody>
</table>

### RECEIVING PARTY DATA

**Name:** HITACHI HIGH-TECHNOLOGIES CORPORATION  
**Street Address:** 1-24-14 Nishi Shinbashi, Minato-ku,  
**City:** Tokyo  
**State/Country:** JAPAN  

### PROPERTY NUMBERS Total: 1

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<tr>
<th>Property Type</th>
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<tr>
<td>Application Number</td>
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### CORRESPONDENCE DATA

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**ATTORNEY DOCKET NUMBER:** 075905-0067  
**NAME OF SUBMITTER:** Keith E. George 34,111  

Total Attachments: 2  
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RECORDATION FORM COVER SHEET

Docket No.: 075905-0067
To the Director of the U. S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of Conveying Party(ies)
   Kanji FURUHASHI, Shuji KIKUCHI, Akira KARAKAMA, Yashuhiro GUNJI

2. Name and address of receiving party(ies)
   Name: HITACHI HIGH-TECHNOLOGIES CORPORATION
   Internal Address:
   Address: 1-24-14, Nishi Shinbashi, Minato-ku Tokyo JAPAN

3. Nature of Conveyance/Execution Date(s)
   Execution Date(s): November 7, 2008
   ☒ Assignment ☐ Merger
   ☐ Security Agreement ☐ Change of Name
   ☐ Joint Research Agreement
   ☐ Government Interest Assignment
   ☐ Executive Order 9424, Confirmatory License
   ☐ Other

4. Application or patent number(s):
   A. Patent Application No(s).

5. Name and address to whom correspondence concerning document should be mailed:
   Name: MCDERMOTT WILL & EMERY LLP
   Internal Address:
   Street Address: 600 13th Street, N.W.
   Phone Number: 202.756.8000
   Fax Number: 202.756.8087
   Email Address:

   Additional numbers attached? ☐ Yes ☐ No

6. Total number of applications and patents involved:

7. Total fee (37 CFR 1.21(h) & 3.41) $40.00
   ☐ Authorized to be charged by credit card
   ☒ Authorized to be charged to deposit account
   ☐ Enclosed
   ☐ None required (government interest not affecting title)

8. Payment Information:
   a. Credit Card Last 4 Numbers
      Expiration Date
   b. Deposit Account Number 500417
      Authorized User Name

9. Signature.
   Keith E. George 34,111
   Name and Registration No. of Person Signing
   Signature DATE

Total number of pages including cover sheet, attachments and documents: 2
ASSIGNMENT
(譲渡証)

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar ($1.00) or the equivalent thereof, and other good and valuable consideration paid to me citizen of Japan by Hitachi High-Technologies Corporation, a corporation organized under the laws of Japan, located at 1-24-14, Nishi Shinbashi, Minato-ku, Tokyo, Japan receipt of which is hereby acknowledged I do hereby sell and assign to said Hitachi High-Technologies Corporation, its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

CHARGED PARTICLE BEAM APPARATUS, AND IMAGE GENERATION METHOD WITH CHARGED PARTICLE BEAM APPARATUS

invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said Hitachi High-Technologies Corporation, its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said Hitachi High-Technologies Corporation,

Signed on the date(s) indicated aside our signatures:

INVENTOR(S) (発明者フルネームサイン) Date Signed (署名日)
1) Toshihiro Tsuruhashi 11/7/2008
2) Shiro Ishibashi 11/7/2008
3) Akira Kuroki 11/7/2008
4) Yasahiro Gumi 11/7/2008
5) 
6) 
7) 
8) 
9) 
10) 

RECORDED: 11/19/2008
PATENT REEL: 021859 FRAME: 0307