**PATENT ASSIGNMENT**

Electronic Version v1.1  
Stylesheet Version v1.1

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<tr>
<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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<tr>
<td>Akito HIRANO</td>
<td>09/01/2008</td>
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### RECEIVING PARTY DATA

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<tr>
<th>Name</th>
<th>HITACHI KOKUSAI ELECTRIC INC.</th>
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<tr>
<td>Street Address:</td>
<td>14-1, Sotokanda 4-chome, Chiyoda-ku,</td>
</tr>
<tr>
<td>City:</td>
<td>Tokyo</td>
</tr>
<tr>
<td>State/Country:</td>
<td>JAPAN</td>
</tr>
<tr>
<td>Postal Code:</td>
<td>101-8980</td>
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### PROPERTY NUMBERS Total: 1

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<td>Application Number</td>
<td>12086285</td>
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### CORRESPONDENCE DATA

- Fax Number: (202)887-0357  
  *Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*
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- Email: rrelayc@kqhpattentlaw.com  
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- Address Line 4: Washington, DISTRICT OF COLUMBIA 20005

### ATTORNEY DOCKET NUMBER:

- 080173

### NAME OF SUBMITTER:

- Donald W. Hanson

Total Attachments: 1  
source=080173Asn#page1.tif
U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar ($1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by HITACHI KOKUSAI ELECTRIC INC.

14-1, Sotokanda 4-chome, Chiyoda-ku, Tokyo 101-8980 Japan

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest in the invention entitled:

SUBSTRATE PROCESSING METHOD AND SUBSTRATE PROCESSING APPARATUS

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

* filed on June 10, 2008, Serial No. 12/086,285

(Kratz, Quintos & Hanson, LLP is hereby authorized to insert the serial code, serial number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained therefor on said application or any continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with the application and any continuation, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, divisional, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Signatures)

Akiko Hirano
(Signature)  Akito HIRANO
(Type Name)  September 1, 2008  (Date)

(Signature)  (Type Name)  (Date)

(Signature)  (Type Name)  (Date)

(Signature)  (Type Name)  (Date)

(Signature)  (Type Name)  (Date)

(Signature)  (Type Name)  (Date)

NO LEGALIZATION REQUIRED

Re. 07/07