

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Kenji AIKO</td> <td>07/24/2013</td> </tr> <tr> <td>Shigeya TANAKA</td> <td>07/24/2013</td> </tr> <tr> <td>Yasuko AOKI</td> <td>07/24/2013</td> </tr> <tr> <td>Hiroshi KAWAGUCHI</td> <td>07/24/2013</td> </tr> <tr> <td>Kei SHIMURA</td> <td>07/24/2013</td> </tr> </tbody> </table>		Name	Execution Date	Kenji AIKO	07/24/2013	Shigeya TANAKA	07/24/2013	Yasuko AOKI	07/24/2013	Hiroshi KAWAGUCHI	07/24/2013	Kei SHIMURA	07/24/2013
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RECEIVING PARTY DATA													
Name:	Hitachi High-Technologies Corporation												
Street Address:	24-14, Nishi Shimbashi 1-chome, Minato-ku												
City:	Tokyo												
State/Country:	JAPAN												
PROPERTY NUMBERS Total: 1													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13984286</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13984286								
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CORRESPONDENCE DATA													
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Date:	08/08/2013												
Total Attachments: 1 source=53228X00ASN#page1.tif													

OP \$40.00 13984286

PATENT

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 24-14, Nishi Shimbashi 1-chome, 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

DEVICE FOR DETECTING FOREIGN MATTER AND METHOD FOR DETECTING FOREIGN MATTER

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 signatures:

	INVENTOR(S) (発明者フルネームサイン)	Date Signed (署名日)
1)	Kenji AIKO <u>Kenji Aiko</u>	<u>7/24/2013</u>
2)	Shigeya TANAKA <u>Shigeya Tanaka</u>	<u>7/24/2013</u>
3)	Yasuko AOKI <u>Yasuko Aoki</u>	<u>7/24/2013</u>
4)	Hiroshi KAWAGUCHI <u>Hiroshi Kawaguchi</u>	<u>7/24/2013</u>
5)	Kei SHIMURA <u>Kei Shimura</u>	<u>7/24/2013</u>
6)	_____	_____
7)	_____	_____
8)	_____	_____
9)	_____	_____
10)	_____	_____