

PATENT ASSIGNMENT COVER SHEET

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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>TAKAHIRO NAKANO</td> <td>11/29/2013</td> </tr> <tr> <td>HIROSHI ARAI</td> <td>12/09/2013</td> </tr> <tr> <td>REIKO INOUE</td> <td>11/29/2013</td> </tr> <tr> <td>DAISUKE TSUTSUMI</td> <td>12/04/2013</td> </tr> <tr> <td>DAISUKE IGARASHI</td> <td>12/09/2013</td> </tr> <tr> <td>MASAKAZU OKUBO</td> <td>12/10/2013</td> </tr> </tbody> </table>		Name	Execution Date	TAKAHIRO NAKANO	11/29/2013	HIROSHI ARAI	12/09/2013	REIKO INOUE	11/29/2013	DAISUKE TSUTSUMI	12/04/2013	DAISUKE IGARASHI	12/09/2013	MASAKAZU OKUBO	12/10/2013
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RECEIVING PARTY DATA															
Name:	HITACHI, LTD.														
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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>14133156</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14133156										
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Application Number:	14133156														
CORRESPONDENCE DATA															
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NAME OF SUBMITTER:	SHRINATH MALUR														

CH \$40.00 14133156

Signature:	/SHRINATH MALUR/
Date:	12/18/2013
Total Attachments: 1 source=9079-Assign#page1.tif	

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, Ltd.
a corporation organized under the laws of Japan,
located at 6-6, Marunouchi 1-chome, Chiyoda-ku, Tokyo, Japan
receipt of which is hereby acknowledged I do hereby sell and assign to said Hitachi, Ltd.
its successor and assigns, all my right, title and interest, in and for the United States of America, in and to

**METHOD AND APPARATUS FOR A CUTTING PROCESS AUTOMATIC GENERATION
TOOL OF CAM**

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, Ltd.
its successor, 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, Ltd.

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) <u>Takahiro Nakano</u> Takahiro NAKANO	<u>11/29/2013</u>
2) <u>Hiroshi Arai</u> Hiroshi ARAI	<u>12/9/2013</u>
3) <u>Reiko Inoue</u> Reiko INOUE	<u>11/29/2013</u>
4) <u>Daisuke Tsutsumi</u> Daisuke TSUTSUMI	<u>12/4/2013</u>
5) <u>Daisuke Igarashi</u> Daisuke IGARASHI	<u>12/9/2013</u>
6) <u>Masakazu Okubo</u> Masakazu OKUBO	<u>12/10/2013</u>