

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>Takayuki HIRANO</td> <td>10/29/2012</td> </tr> <tr> <td>Takashi KOBORI</td> <td>10/29/2012</td> </tr> </tbody> </table>		Name	Execution Date	Takayuki HIRANO	10/29/2012	Takashi KOBORI	10/29/2012				
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<table border="1"> <tr> <td>Name:</td> <td>KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.)</td> </tr> <tr> <td>Street Address:</td> <td>10-26, Wakinohama-cho 2-chome, Chuo-ku</td> </tr> <tr> <td>City:</td> <td>Kobe-shi, Hyogo</td> </tr> <tr> <td>State/Country:</td> <td>Japan</td> </tr> <tr> <td>Postal Code:</td> <td>651-8585</td> </tr> </table>		Name:	KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.)	Street Address:	10-26, Wakinohama-cho 2-chome, Chuo-ku	City:	Kobe-shi, Hyogo	State/Country:	Japan	Postal Code:	651-8585
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PATENT											

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NAME OF SUBMITTER:

Adel Samuel

Total Attachments: 4

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Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: October 29, 2012

平野 貴之

(Signature of Inventor) Takayuki HIRANO

Date: _____

(Signature of Inventor) Takashi KOBORI

Date: _____

(Signature of Inventor)

Date: _____

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(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
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