

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>Kiyoshi KIUCHI</td> <td>05/08/2013</td> </tr> <tr> <td>Kiyoyuki SHIBA</td> <td>05/08/2013</td> </tr> <tr> <td>Tsuyoshi NOURA</td> <td>05/08/2013</td> </tr> <tr> <td>Jumpei NAKAYAMA</td> <td>05/08/2013</td> </tr> </tbody> </table>		Name	Execution Date	Kiyoshi KIUCHI	05/08/2013	Kiyoyuki SHIBA	05/08/2013	Tsuyoshi NOURA	05/08/2013	Jumpei NAKAYAMA	05/08/2013
Name	Execution Date										
Kiyoshi KIUCHI	05/08/2013										
Kiyoyuki SHIBA	05/08/2013										
Tsuyoshi NOURA	05/08/2013										
Jumpei NAKAYAMA	05/08/2013										
RECEIVING PARTY DATA											
<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
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										
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>13904897</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13904897						
Property Type	Number										
Application Number:	13904897										
CORRESPONDENCE DATA											
<p>Fax Number: 7037399577 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 703-739-4900 Email: jrosier@stites.com Correspondent Name: Juan Carlos A. Marquez c/o Stites & Marq Address Line 1: 1199 North Fairfax Street, Suite 900 Address Line 4: Alexandria, VIRGINIA 22314</p>											
ATTORNEY DOCKET NUMBER:	NKAY-0024										
NAME OF SUBMITTER:	Juan Carlos A. Marquez										
Signature:	/Juan Carlos A. Marquez/										

Date:

05/29/2013

Total Attachments: 6

source=NKAY-0024_Assignment#page1.tif

source=NKAY-0024_Assignment#page2.tif

source=NKAY-0024_Assignment#page3.tif

source=NKAY-0024_Assignment#page4.tif

source=NKAY-0024_Assignment#page5.tif

source=NKAY-0024_Assignment#page6.tif

ASSIGNMENT

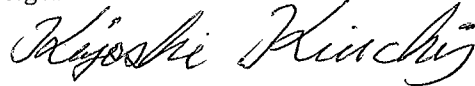
WHEREAS, Kiyoshi KIUCHI, Kiyoyuki SHIBA, Tsuyoshi NOURA and Jumpei NAKAYAMA, whose post office address(es) appear below hereinafter referred to as ASSIGNOR, have invented certain new and useful improvements in a PRECIPITATION-STRENGTHENED NI-BASED HEAT-RESISTANT ALLOY AND METHOD FOR PRODUCING THE SAME (hereinafter referred to as THE INVENTION) for which an application for United States Letters Patent was filed on _____, Application Number _____, or is being filed herewith;

WHEREAS, Kabushiki Kaisha Kobe Seiko Sho (Kobe Steel, Ltd.) post office address is 10-26, Wakinohama-cho 2-chome, Chuo-ku, Kobe-shi, Hyogo 651-8585 Japan (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire right, title and interest in and to the same in the United States and throughout the world;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, we, ASSIGNOR, by these presents do sell, assign and transfer until said ASSIGNEE, the entire right, title and interest in and to said invention and application throughout the United States of America, including any and all United States Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application; and the entire right, title and interest in and to said invention throughout the world, including the right to apply for patents and inventor certificates in respect thereof and to claim priority pursuant to rights accorded ASSIGNOR under the terms of the Paris International Convention and all other available international conventions and treaties; and the entire right, title and interest in and to any and all patents, patents of addition, utility models, patents of importation, revalidation patents and inventor certificates which may be granted throughout the world in respect of said invention.

ALSO, ASSIGNOR here by agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) or inventor certificate(s) in the United States and in foreign countries for said invention, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said invention, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE'S expense, to identify and communicate to ASSIGNEE at ASSIGNEE'S request documents and information concerning the invention that are within ASSIGNOR'S possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR'S obligations under this instrument shall extend to ASSIGNOR'S heirs, executors, administrators and other legal representatives.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent referred to above to ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE'S sole use and behalf; and for the use and behalf of ASSIGNEE'S legal representatives and successors, to the full end of the term for which such Letters patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

Name: Kiyoshi KIUCHI	Signature 
Address: c/o Nuclear Science Research Institute, Tokai Research and Development Center, JAPAN ATOMIC ENERGY AGENCY, 2-4 Shirane Shirakata, Tokai-mura, Naka-gun, Ibaraki 319-1195, Japan	Date May 8, 2013

Name: Kiyoyuki SHIBA (deceased)	Signature BY: Satoko SHIBA legal representative/heir of and to the estate of Kiyoyuki Shiba.
Address: 2461-16, IshigamiTozyuku, Tokai-mura, Naka-gun, Ibaraki, Japan	Date

Name: Tsuyoshi NOURA	Signature
Address: c/o Kobe Steel, Ltd., 10-26, Wakinohama-cho 2-chome, Chuo-ku, Kobe-shi, Hyogo 651-8585 Japan	Date

Name: Jumpei NAKAYAMA	Signature
Address: c/o Kobe Steel, Ltd., 10-26, Wakinohama-cho 2-chome, Chuo-ku, Kobe-shi, Hyogo 651-8585 Japan	Date

Name:	Signature
Address:	Date

Name:	Signature
Address:	Date

284202:1:ALEXANDRIA

ASSIGNMENT

WHEREAS, Kiyoshi KIUCHI, Kiyoyuki SHIBA, Tsuyoshi NOURA and Jumpei NAKAYAMA, whose post office address(es) appear below hereinafter referred to as ASSIGNOR, have invented certain new and useful improvements in a PRECIPITATION-STRENGTHENED NI-BASED HEAT-RESISTANT ALLOY AND METHOD FOR PRODUCING THE SAME (hereinafter referred to as THE INVENTION) for which an application for United States Letters Patent was filed on _____, Application Number _____, or is being filed herewith;

WHEREAS, Kabushiki Kaisha Kobe Seiko Sho (Kobe Steel, Ltd.) post office address is 10-26, Wakinohama-cho 2-chome, Chuo-ku, Kobe-shi, Hyogo 651-8585 Japan (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire right, title and interest in and to the same in the United States and throughout the world;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, we, ASSIGNOR, by these presents do sell, assign and transfer until said ASSIGNEE, the entire right, title and interest in and to said invention and application throughout the United States of America, including any and all United States Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application; and the entire right, title and interest in and to said invention throughout the world, including the right to apply for patents and inventor certificates in respect thereof and to claim priority pursuant to rights accorded ASSIGNOR under the terms of the Paris International Convention and all other available international conventions and treaties; and the entire right, title and interest in and to any and all patents, patents of addition, utility models, patents of importation, revalidation patents and inventor certificates which may be granted throughout the world in respect of said invention.

ALSO, ASSIGNOR here by agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) or inventor certificate(s) in the United States and in foreign countries for said invention, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said invention, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE'S expense, to identify and communicate to ASSIGNEE at ASSIGNEE'S request documents and information concerning the invention that are within ASSIGNOR'S possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR'S obligations under this instrument shall extend to ASSIGNOR'S heirs, executors, administrators and other legal representatives.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent referred to above to ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE'S sole use and behalf; and for the use and behalf of ASSIGNEE'S legal representatives and successors, to the full end of the term for which such Letters patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

Name:	Signature
Kiyoshi KIUCHI	
Address: c/o Nuclear Science Research Institute, Tokai Research and Development Center, JAPAN ATOMIC ENERGY AGENCY, 2-4 Shirane Shirakata, Tokai-mura, Naka-gun, Ibaraki 319-1195, Japan	Date

Name: Kiyoyuki SHIBA (deceased)	Signature <i>Satoko Shiba</i> BY: Satoko SHIBA legal representative/heir of and to the estate of Kiyoyuki Shiba.
Address: 2461-16, IshigamiTozyuku, Tokai-mura, Naka-gun, Ibaraki, Japan	Date May 8, 2013

Name: Tsuyoshi NOURA	Signature
Address: c/o Kobe Steel, Ltd., 10-26, Wakinohama-cho 2-chome, Chuo-ku, Kobe-shi, Hyogo 651-8585 Japan	Date

Name: Jumpei NAKAYAMA	Signature
Address: c/o Kobe Steel, Ltd., 10-26, Wakinohama-cho 2-chome, Chuo-ku, Kobe-shi, Hyogo 651-8585 Japan	Date

Name:	Signature
Address:	Date

Name:	Signature
Address:	Date

284202:1:ALEXANDRIA

ASSIGNMENT

WHEREAS, Kiyoshi KIUCHI, Kiyoyuki SHIBA, Tsuyoshi NOURA and Jumpei NAKAYAMA, whose post office address(es) appear below hereinafter referred to as ASSIGNOR, have invented certain new and useful improvements in a PRECIPITATION-STRENGTHENED NI-BASED HEAT-RESISTANT ALLOY AND METHOD FOR PRODUCING THE SAME (hereinafter referred to as THE INVENTION) for which an application for United States Letters Patent was filed on _____, Application Number _____, or is being filed herewith;

WHEREAS, Kabushiki Kaisha Kobe Seiko Sho (Kobe Steel, Ltd.) post office address is 10-26, Wakinohama-cho 2-chome, Chuo-ku, Kobe-shi, Hyogo 651-8585 Japan (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire right, title and interest in and to the same in the United States and throughout the world;

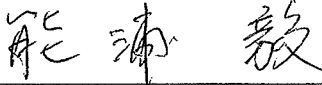
NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, we, ASSIGNOR, by these presents do sell, assign and transfer until said ASSIGNEE, the entire right, title and interest in and to said invention and application throughout the United States of America, including any and all United States Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application; and the entire right, title and interest in and to said invention throughout the world, including the right to apply for patents and inventor certificates in respect thereof and to claim priority pursuant to rights accorded ASSIGNOR under the terms of the Paris International Convention and all other available international conventions and treaties; and the entire right, title and interest in and to any and all patents, patents of addition, utility models, patents of importation, revalidation patents and inventor certificates which may be granted throughout the world in respect of said invention.

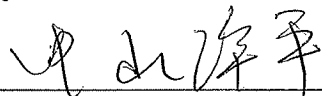
ALSO, ASSIGNOR here by agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) or inventor certificate(s) in the United States and in foreign countries for said invention, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said invention, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE'S expense, to identify and communicate to ASSIGNEE at ASSIGNEE'S request documents and information concerning the invention that are within ASSIGNOR'S possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR'S obligations under this instrument shall extend to ASSIGNOR'S heirs, executors, administrators and other legal representatives.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent referred to above to ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE'S sole use and behalf; and for the use and behalf of ASSIGNEE'S legal representatives and successors, to the full end of the term for which such Letters patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

Name: Kiyoshi KIUCHI	Signature
Address: c/o Nuclear Science Research Institute, Tokai Research and Development Center, JAPAN ATOMIC ENERGY AGENCY, 2-4 Shirane Shirakata, Tokai-mura, Naka-gun, Ibaraki 319-1195, Japan	Date

Name: Kiyoyuki SHIBA (deceased)	Signature BY: Satoko SHIBA legal representative/heir of and to the estate of Kiyoyuki Shiba.
Address: 2461-16, IshigamiTozyuku, Tokai-mura, Naka-gun, Ibaraki, Japan	Date

Name: Tsuyoshi NOURA	Signature 
Address: c/o Kobe Steel, Ltd., 10-26, Wakinohama-cho 2-chome, Chuo-ku, Kobe-shi, Hyogo 651-8585 Japan	Date May 8, 2013

Name: Jumpei NAKAYAMA	Signature 
Address: c/o Kobe Steel, Ltd., 10-26, Wakinohama-cho 2-chome, Chuo-ku, Kobe-shi, Hyogo 651-8585 Japan	Date May 8, 2013

Name:	Signature
Address:	Date

Name:	Signature
Address:	Date

284202:1:ALEXANDRIA