### PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE:      | NEW ASSIGNMENT |  |  |
|-----------------------|----------------|--|--|
| NATURE OF CONVEYANCE: | ASSIGNMENT     |  |  |

### **CONVEYING PARTY DATA**

| Name            | Execution Date |
|-----------------|----------------|
| Hideyuki Kimura | 06/05/2013     |
| Kaneharu Okuda  | 06/11/2013     |
| Reiko Sugihara  | 06/14/2013     |

## **RECEIVING PARTY DATA**

| Name:             | JFE Steel Corporation       |  |
|-------------------|-----------------------------|--|
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| State/Country:    | JAPAN                       |  |
| Postal Code:      | 100-0011                    |  |

## PROPERTY NUMBERS Total: 1

| Property Type       | Number   |  |
|---------------------|----------|--|
| Application Number: | 13825236 |  |

## **CORRESPONDENCE DATA**

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| ATTORNEY DOCKET NUMBER: | JFE-168US           |  |  |  |
|-------------------------|---------------------|--|--|--|
| NAME OF SUBMITTER:      | Andrew J. Koopman   |  |  |  |
| Signature:              | /Andrew J. Koopman/ |  |  |  |

502436921 REEL: 030894 FRAME: 0467

OP \$40.00 13825236

| Date:  | 07/26/2013 |
|--|------------|
| Total Attachments: 2<br>source=JFE-168assign#page1.tif<br>source=JFE-168assign#page2.tif |            |

PATENT REEL: 030894 FRAME: 0468

| ASSIGNMENT - Patent Application Docket Number: JFE-168US  |  |  |   |                   |  |  |
|---|--|--|---|-------------------|--|--|
| Whereas, the Ass  | Whereas, the Assignor, comprising the following named inventors: |  |   |                   |  |  |
|   | 1. Hid   | Hideyuki KIMURA  |   | 2. Kaneharu OKUDA |  |  |
| ASSIGNOR(s)/<br>INVENTOR(s)   | 3. Rei   | eiko SUGIHARA  |   |                   |  |  |
|   |  |  |   |                   |  |  |
|   |  |  |   |                   |  |  |
| made an invention entitled:  HIGH STRENGTH GALVANIZED STEEL SHEET HAVING EXCELLENT DEEP DRAWABILITY AND STRETCH FLANGEABILITY AND METHOD FOR MANUFACTURING THE SAME |  |  |   |                   |  |  |
| for which an applic   |  | Letters Patent of the United States  | * |                   |  |  |
| is executed concurrently herewith was filed in the U.S. Patent and Trademark Office on as U.S. Patent Application Serial No.: 13/825236                             |  |  |   |                   |  |  |
| ASSIGNEE<br>(Full Name and Ad   | ddress)  | JFE Steel Corporation<br>2-3, Uchisaiwai-cho 2-chome<br>Chiyoda-ku<br>Tokyo 100-0011 JAPAN |   |                   |  |  |

is desirous of acquiring the entire interest in and to said invention and the Letters Patent to be obtained therefor,

Now, therefore, in consideration of the payment by Assignee to Assignor of a sum corresponding to One Dollar (\$1.00), and for other good and valuable consideration, the receipt of which is hereby acknowledged, Assignor, intending to be legally bound, hereby sells, assigns and transfers to Assignee, its successors and assigns, the full and exclusive right, title and interest in and to said invention, all applications for Letters Patent for said invention, including all divisions, continuations, and continuations-in-part thereof, all rights to claim priority based thereon, and all Letters Patent, including reissues, to be obtained therefor, including any and all foreign patent rights in this invention corresponding thereto.

Assignor hereby warrants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

Assignor agrees it shall be legally bound, upon request of the Assignee or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the Assignor has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the Assignee, and to execute all instruments proper to carry out the intent of this instrument.

If the invention requires a biological deposit, Assignor also grants to Assignee such control over any deposit made by Assignor as may be necessary to the validity of the patent rights assigned herein.

# ASSIGNMENT - Patent Application

Docket Number: JFE-168US

Assignor authorizes Assignor's attorney to insert at the end hereof, the serial number and filing date of the aforesaid application for United States Letters Patent and/or the Attorney Docket or file designation for this application if not identified above.

If the Assignor includes more than one individual, these obligations shall apply to these individuals both individually and collectively.

In witness whereof, this Assignment is executed on the day indicated below.

|                   | Typed or Printed   | Name                                    | Signature                 | B111-1-400-10-10-10-10-10-10-10-10-10-10-10-10-1                | Date   |
|-------------------|--|---|---------------------------|---|--|
|                   | 1. Hideyuki KIMU   | RA <u>M</u>                             | ideyeki Ximura            | _   | June 05, 2013  |
| ÷                 |  | *                                       | Witness to Assignor #1    |   |  |
|                   | 2. Kaneharu OKU  | DA <u>/</u>                             | anchem Ohuda              |   | June 11, 2013  |
|                   | and of an internal control of the property of  | *                                       | Witness to Assignor #2    | <b>X</b>  |  |
|                   | 3. Reiko SUGIHA  | RA                                      | Reiko Sujihara            |   | June 14, 2013  |
| SIGNATURE         | ere f  | *                                       | Witness to Assignor #3    |   |  |
|                   |  |   |                           |   |  |
|                   |  | *                                       | Witness to Assignor #4    |   |  |
| •                 |  | *************************************** |                           | <del></del>   |  |
|                   |  | *                                       | Witness to Assignor #5    | I PH 19 MIRU PI MINANI NI I PHOPI I WARRI I WARRI I WARRI I WAR |  |
| ,                 |  |   |                           |   | 100 MANAGEM 14,200 MANAGEM 100 MANAGEM |
|                   |  |   | * Witness to Assignor #6  |   |  |
|                   | AND THE PROPERTY OF THE PROPER |   | ,                         |   |  |
|                   |  | *                                       | Witness to Assignor #7    |   |  |
|                   | A  |   |                           |   |  |
| Application for t | United States Letters P  |   |                           |   |  |
| Serial No.:       | 1  | 3/825236                                |                           |   |  |
| Filed:            | ľ  | March 20,                               | 2013                      |   |  |
| Attorney Docke    | t Number:  | IFE-168US                               |                           |   |  |
| F 1 - 1 N1 1      | of Assignment Pages  | 2                                       | * Witness signature recom | mended man  | datory for some countries  |

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