PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HIROTAKA INOUE	06/25/2014
SHIGEHIRO TAKAJO	06/25/2014
HIROI YAMAGUCHI	06/25/2014
SEIJI OKABE	06/25/2014
KAZUHIRO HANAZAWA	06/25/2014

RECEIVING PARTY DATA

Name:	JFE STEEL CORPORATION	
Street Address:	2-3, UCHISAIWAI-CHO 2-CHOME	
City:	TOKYO	
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PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	14368975
PCT Number:	JP2012008411

CORRESPONDENCE DATA

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NAME OF SUBMITTER:	T. DANIEL CHRISTENBURY	
SIGNATURE:	/TDC/	
DATE SIGNED:	06/26/2014	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

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Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif

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COMBINED DECLARATION/ASSIGNMENT

WHEREAS, we

Hirotaka Inoue of Tokyo, Japan Shigehire Takajo of Tokyo, Japan Hiroi Yamaguchi of Tokyo, Japan Seiji Okabe of Tokyo, Japan Kazuhiro Hanazawa of Tokyo, Japan

(hereinafter referred to as "the undersigned"), have made an invention entitled GRAIN-ORIENTED ELECTRICAL STEEL SHEET AND METHOD FOR IMPROVING IRON LOSS PROPERTIES THEREOF, identified in International Application No. PCT/JP2012/008411, and US Application No. 14/368.975 , (DLA Piper is authorized to insert the Serial No. when known),

the above-identified application was made or authorized to be made by the persons executing this Declaration;

we believe that we are the original joint inventors of a claimed invention in the application;

we hereby acknowledge that any willful false statement made in this Declaration is punishable under 18 USC §1001 by fine or imprisonment of not more than five (5) years, or both.

WHEREAS, JFE Steel Corporation, with offices at 2-3, Uchisaiwai-cho 2-chome, Chiyoda-ku, Tokyo 1000011 Japan (hereinafter referred to as "assignee"), is desirous of acquiring the entire right, title and interest in said invention, said US application and all letters patent issuing for said invention,

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and of other good and valuable consideration, receipt of which is hereby acknowledged, the undersigned, intending to be legally bound, does hereby sell, assign and transfer to the assignee the entire right, title and interest, for the United States of America, its territories and possessions, and for all foreign countries, in said invention, including said US application, all divisions and continuations thereof, all rights to claim priority based thereon, all rights to file foreign applications on said invention, and all letters patent and reissues thereof, issuing for said invention in the United States of America and in any and all foreign countries.

It is agreed that the undersigned 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 undersigned 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 EASTV6949699.1

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of the assignee, and to execute all instruments proper to carry out the intent of this instrument. If the undersigned includes more than one individual, these obligations shall apply to all of the undersigned both individually and collectively.

The rights and property herein conveyed by the undersigned are free and clear of any encumbrance,

EXECUTED on the dates set forth below.

June 25, 2014 Date

June 25, 2014

June 25, 2014 Date

June 25, 2014 Date

June 25, 2014 Date

Kojahiro Hanajawa Kazuhiro Hanazawa