507508725 09/23/2022

EPAS ID: PAT7555616

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SHINSUKE TAKATANI	09/07/2022
KAZUTOSHI TAKEDA	09/07/2022
ICHIRO TANAKA	09/07/2022

RECEIVING PARTY DATA

Name:	NIPPON STEEL CORPORATION
Street Address:	6-1, MARUNOUCHI 2-CHOME, CHIYODA-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	100-8071

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	17913865	

CORRESPONDENCE DATA

Fax Number: (703)205-8050

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 7032058000

Email:mailroom@bskb.com, Tuyet.A.Nguyen@bskb.comCorrespondent Name:BIRCH, STEWART, KOLASCH & BIRCH, LLP

Address Line 1: 8110 GATEHOUSE ROAD, SUITE 100E

Address Line 4: FALLS CHURCH, VIRGINIA 22042

ATTORNEY DOCKET NUMBER:	1609-1784PUS1
NAME OF SUBMITTER:	TUYET ANH NGUYEN
SIGNATURE:	/TUYET ANH NGUYEN/
DATE SIGNED:	09/23/2022

Total Attachments: 6

source=2022-09-23_DecAssign-As-Filed_1609-1784PUS1-#page1.tif source=2022-09-23_DecAssign-As-Filed_1609-1784PUS1-#page2.tif source=2022-09-23_DecAssign-As-Filed_1609-1784PUS1-#page3.tif source=2022-09-23_DecAssign-As-Filed_1609-1784PUS1-#page4.tif

PATENT 507508725 REEL: 061196 FRAME: 0165

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PATENT REEL: 061196 FRAME: 0166

 $\begin{array}{c} \text{FP210265US0} \\ \text{OSQ-12360 D/A} \text{ } 1/3 \\ \text{Attorney Docket No.: } 1609\text{--}1784PUS1 \end{array}$

BIRCH, STEWART, KOLASCH & BIRCH, LLP

P.O. Box 747 • Falls Church, Virginia 22040-0747 Telephone: (703) 205-8000 • Facsimile: (703) 205-8050 • Email: mailroom@bskb.com

DECLARATION AND ASSIGNMENT FOR PATENT AND DESIGN APPLICATIONS

LIA MINISTO CITA MINO DA MINA ME DICOLUNO. CON

	UNITED STATES PATENT RIGHTS, OR UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS
Title of Invention	⇒ ELECTRICAL STEEL SHEET, LAMINATED CORE AND ROTATING ELECTRIC MACHINE
	As a below named inventor (hereinafter designated as the undersigned), I hereby declare that:
Application not Attached	⇒ This declaration is directed to the application attached hereto. If the application is not attached hereto, the application is as identified by the attorney docket number as set forth above and/or the following:
Enter Appln. No.	⇒ United States Application Number or PCT International Appln. No. PCT/JP2021/023028
Enter Filing Date	⇒ filed on _June 17, 2021
	The above-identified application was made or authorized to be made by me.
	I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
	I have reviewed and understand the contents of the above-identified application, including the claims.
•	I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations \S 1.56.
	WHEREAS, the undersigned has invented certain new and useful improvements described in the application identified.
Insert Name of Assignee	⇒ WHEREAS, NIPPON STEEL CORPORATION
Insert Address of Assignee	⇔ of 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8071 Japan
	its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and
Check Box if Appropriate	⇒ ☐ in any foreign countries.
	NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned has sold, assigned and transferred, and by these presents does (do) sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries; and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted.

BSKB-DECASSIGN\(09-12)

Attorney Docket No.: 1609-1784PUS1

FP210265US0 OSO-12360 D/A 2/3

The undersigned agrees to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agrees to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agrees to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agrees to perform all affirmative acts which may be necessary to obtain a grant of (a) valid United States of America patent(s) or a grant of (a) valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorizes and requests the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patent(s) resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has the full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grants the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office.

The undersigned hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

The undersigned hereby acknowledges that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both.

In witness whereof, executed by the undersigned on the date opposite the undersigned name.

	LEGAL NAME OF INVENTOR				
Inventor's Name	Inventor:	Shinsuke TAKA	TANI	Date: September 7, 2022	
Inventor's Signature ⇔	Signature:	Shirsuke	Takatani		
An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use a separate form for each inventor; or check the box below and complete the attached page(s) to list additional inventors.					
Additional inventors are being named on the 1 supplemental sheet(s) attached hereto.					

BSKB-DECASSIGN\(09-12)

SN: 17/913,865 Attorney Do Filed on 09/23/2022

Attorney Docket No.: 1609-1784PUS1

FP210265US0 OSQ-12360 D/A 3 / 3

SUPPLEMENTAL SHEET FOR DECLARATION AND ASSIGNMENT

ADDITIONAL INVENTOR(S) Supplemental Sheet Page 1 of 1

LEGAL NAME OF JOINT INVENTOR, IF ANY

Inventor's Name ⇨	Inventor: Kazutoshi	TAKEDA	Date:September 7, 2022
Inventor's Signature ⇒	Signature: Z	Mr. The	
	/ LEGAL NAME OF JOIN	NT INVENTOR, IF ANY	
Inventor's Name ⇒	Inventor: Ichiro TA	NAKA	Date:
Inventor's Signature ⇒	Signature:		
	LEGAL NAME OF JOI	NT INVENTOR, IF ANY	
Inventor's Name	Inventor:		Date:
Inventor's Signature	Signature:		
	LEGAL NAME OF JOI	NT INVENTOR, IF ANY	
Inventor's Name	Inventor:		Date:
Inventor's Signature	Signature:		
	LEGAL NAME OF JOI	INT INVENTOR, IF ANY	
Inventor's Name	⇒Inventor:		Date:
Inventor's Signature	⇒Signature:		
	LEGAL NAME OF JOI	INT INVENTOR, IF ANY	
Inventor's Name	⇒Inventor:		Date:
Inventor's Signature	⇒Signature:		
	LEGAL NAME OF JO	INT INVENTOR, IF ANY	
Inventor's Name	⇒Inventor:		Date:
Inventor's Signature	⇒Signature:		
	LEGAL NAME OF JO	INT INVENTOR, IF ANY	
Inventor's Name	⇒Inventor:		Date:
Inventor's Signature	⇒Signature:		

BSKB-DECASSIGN\(09-12)

PATENT REEL: 061196 FRAME: 0169

Attorney Docket No.: 1609-1784PUS1

SN: 17/913,865 Filed on 09/23/2022

BIRCH, STEWART, KOLASCH & BIRCH, LLP

P.O. Box 747 • Falls Church, Virginia 22040-0747

Telephone: (703) 205-8000 • Facsimile: (703) 205-8050 • Email: mailroom@bskb.com

DECLARATION AND ASSIGNMENT FOR PATENT AND DESIGN APPLICATIONS

UNITED STATES PATENT RIGHTS, OR
UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

Title of Invention 🗢 ELECTRICAL STEEL SHEET, LAMINATED CORE AND ROTATING ELECTRIC MACHINE

As a below named inventor (hereinafter designated as the undersigned), I hereby declare that: This declaration is directed to the application attached hereto. If the application is not attached hereto, the Application not Attached application is as identified by the attorney docket number as set forth above and/or the following: [⇒] United States Application Number or PCT International Appln. No. PCT/JP2021/023028 Enter Appln. No. Enter Filing Date ⇒ filed on June 17, 2021 The above-identified application was made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a claimed invention in the application. I have reviewed and understand the contents of the above-identified application, including the claims. I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations § 1.56. WHEREAS, the undersigned has invented certain new and useful improvements described in the application identified. Insert Name ⇒ WHEREAS, NIPPON STEEL CORPORATION of Assignee Insert Address ⇒ of 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8071 Japan of Assignee its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and Check Box if in any foreign countries. Appropriate NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned has sold, assigned and transferred, and by these presents does (do) sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries; and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted.

BSKB-DECASSIGN\(09-12)

PATENT REEL: 061196 FRAME: 0170

Attorney Docket No.: 1609-1784PUS1

FP210265US0 SO-12360 D/A 2/3

The undersigned agrees to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agrees to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agrees to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agrees to perform all affirmative acts which may be necessary to obtain a grant of (a) valid United States of America patent(s) or a grant of (a) valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorizes and requests the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patent(s) resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has the full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grants the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office.

The undersigned hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

The undersigned hereby acknowledges that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both.

In witness whereof, executed by the undersigned on the date opposite the undersigned name.

LEGAL NAME OF INVENTOR Inventor's Name Inventor's Signature: Shinsuke TAKATANI Date: Inventor's Signature Signature: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use a separate form for each inventor; or check the box below and complete the attached page(s) to list additional inventors. Additional inventors are being named on the 1 supplemental sheet(s) attached hereto.

BSKB-DECASSIGN\(09-12)

Attorney Docket No.: 1609-1784PUS1

FP210265US0 OSQ-12360 D/A 3 / 3

SUPPLEMENTAL SHEET FOR DECLARATION AND ASSIGNMENT

ADDITIONAL INVENTOR(S) Supplemental Sheet Page 1 of 1

LEGAL NAME OF JOINT INVENTOR, IF ANY Inventor's Signature ⇒ Signature: LEGAL NAME OF JOINT INVENTOR, IF ANY Date: September 7, 2022 Inventor's Name

□ Inventor: Ichiro TANAKA Inventor's Signature ⇒ Signature: LEGAL NAME OF JOINT INVENTOR, IF ANY Date: Inventor's Name ⇒Inventor: Inventor's Signature ⇒Signature: LEGAL NAME OF JOINT INVENTOR, IF ANY Date: Inventor's Name Inventor's Signature ⇔Signature: LEGAL NAME OF JOINT INVENTOR, IF ANY Date: Inventor's Name ⇒Inventor: Inventor's Signature ⇒Signature: LEGAL NAME OF JOINT INVENTOR, IF ANY Date: Inventor's Name ⇒Inventor: Inventor's Signature ⇒Signature: LEGAL NAME OF JOINT INVENTOR, IF ANY Date: _____ Inventor's Name Inventor's Signature ⇒Signature: LEGAL NAME OF JOINT INVENTOR, IF ANY Date: _____ Inventor's Name ⇒Inventor:

BSKB-DECASSIGN\(09-12)

PATENT REEL: 061196 FRAME: 0172

RECORDED: 09/23/2022

Inventor's Signature

⇒Signature: