# 505466737 05/08/2019

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5513540

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
HIROMU IZUMIDA		02/27/2019
AKIHISA HOSOE		02/28/2019
TAKUMI AKADA		03/01/2019
SHINEI TAKAMURA		03/01/2019
KATSUTOSHI IWAMOTO		03/01/2019

### **RECEIVING PARTY DATA**

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City:	OSAKA-SHI	
State/Country:	JAPAN	
Postal Code:	541-0041	
Name:	SUMITOMO (SEI) STEEL WIRE CORP.	
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City:	ITAMI-SHI	
State/Country:	JAPAN	
Postal Code:	664-0016	

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16348423

#### CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	087143.0579
NAME OF SUBMITTER:	TRACY E. ENGBERG
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DATE SIGNED:	05/08/2019
Total Attachments: 6 source=0579_Assignment#page1.tif source=0579_Assignment#page2.tif source=0579_Assignment#page3.tif source=0579_Assignment#page4.tif source=0579_Assignment#page5.tif source=0579_Assignment#page6.tif	

ASSIGNMENT

Baker Botts L.L.P.

Attorney Docket No.

#### ASSIGNMENT

WHEREAS, I, the undersigned inventor (or one of the undersigned joint inventors), of residence as listed, having invented certain new and useful improvements in a:

TWISTED WIRE FOR WIRE HARNESS AND WIRE HARNESS

which are described in an application for United States Letters Patent,

 $\boxtimes$  executed concurrently herewith;

□ filed on \_\_\_\_\_\_as U.S. Patent Application No. \_\_\_\_\_;

WHEREAS, <u>SUMITOMO ELECTRIC INDUSTRIES, LTD.</u>, a Japanese corporation, with an address of <u>5-33</u>, <u>Kitahama 4-chome</u>, <u>Chuo-ku</u>, <u>Osaka-shi</u>, <u>Osaka 541-0041</u>, <u>JAPAN</u> and <u>SUMITOMO (SEI) STEEL WIRE CORP.</u>, a Japanese corporation, with an address of <u>1-1</u>, <u>Koyakita 1-chome</u>, <u>Itami-shi</u>, <u>Hyogo 664-0016</u>, <u>JAPAN</u> (hereinafter collectively referred to as "Assignee"), desire to acquire my entire right, title and interest in and to the invention, and in and to said application and any Letters Patent that may issue thereon;

**NOW, THEREFORE,** for and in consideration of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I assign to Assignee, all right, title and interest in and to said invention and in and to said application and all patents which may be granted therefor, and all divisions, continuations, continuations-in-part, reissues and extensions thereof; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as our interest is concerned, to Assignee.

I further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in Assignee.

I will communicate to Assignee any facts known to me respecting any improvements; and, at the expense of Assignee, I will testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make lawful oaths and declarations, and generally do everything possible to vest title in Assignee and to aid Assignee to obtain and enforce proper protection for said invention in all countries.

I hereby grant the following individuals the power to insert on this Assignment any further identification 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: **BAKER BOTTS L.L.P.**, all practitioners at Customer Number 24735.

I acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

PATENT REEL: 049119 FRAME: 0397

ASSIGNMENT

Attorney Docket No.

This Assignment shall be binding on the parties' successors, assigns and legal representatives.

Title of Invention:

TWISTED WIRE FOR WIRE HARNESS AND WIRE HARNESS

Signature of Inventor:

Hiromu Qumida

Inventor's Name:

Residence:

Hiromu IZUMIDA

at c/o Itami Works of Sumitomo Electric Industries, Ltd., 1-1, Koyakita 1-chome, Itami-shi, Hyogo 664-0016, JAPAN

February 27, 2019

Date Assignment Executed:

PATENT **REEL: 049119 FRAME: 0398** 

ASSIGNMENT

Attorney Docket No.

This Assignment shall be binding on the parties' successors, assigns and legal representatives.

Title of Invention:

Signature of Inventor:

TWISTED WIRE FOR WIRE HARNESS AND WIRE HARNESS

Akihisa Hosoe

Inventor's Name:

Akihisa HOSOE

Residence:

at c/o Osaka Works of Sumitomo Electric Industries, Ltd., 1-3, Shimaya 1-chome, Konohana-ku, Osaka-shi, Osaka 554-0024, JAPAN

Date Assignment Executed:

February 28, 2019

ASSIGNMENT

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Attorney Docket No.

This Assignment shall be binding on the parties' successors, assigns and legal representatives.

Title of Invention:

TWISTED WIRE FOR WIRE HARNESS AND WIRE HARNESS

Signature of Inventor:

Akada Takumi

Inventor's Name:

Takumi AKADA

Residence:

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Date Assignment Executed:

March 1, 20(9

ASSIGNMENT

Attorney Docket No.

This Assignment shall be binding on the parties' successors, assigns and legal representatives.

Title of Invention:

TWISTED WIRE FOR WIRE HARNESS AND WIRE HARNESS

Signature of Inventor:

Inventor's Name:

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Shinei TAKAMURA

Residence:

at c/o Sumitomo (SEI) Steel Wire Corp. 1-1, Koyakita 1-chome, Itami-shi, Hyogo 664-0016, JAPAN

Date Assignment Executed:

March 1. 2019

ASSIGNMENT

Attorney Docket No.

This Assignment shall be binding on the parties' successors, assigns and legal representatives.

Title of Invention:

TWISTED WIRE FOR WIRE HARNESS AND WIRE HARNESS

Signature of Inventor:

Katsutoshī Iwameto

Inventor's Name:

Katsutoshi IWAMOTO

Residence:

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Date Assignment Executed:

March (, 2019

6 of 6

PATENT REEL: 049119 FRAME: 0402

**RECORDED: 05/08/2019**