503908226 07/11/2016

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
KABUSHIKI KAISHA TOSHIDA	06/22/2016

### **RECEIVING PARTY DATA**

Name:	SWCC SHOWA CABLE SYSTEMS CO., LTD		
Street Address:	4-3-1, TORANOMOM, MINATO-KU		
City:	TOKYO		
State/Country:	JAPAN		
Postal Code:	1056012		
Name:	FUJIKURA LTD		
Street Address:	1-5-1, KIBA, KOTO-KU		
City:	TOKYO		
State/Country:	JAPAN		
Postal Code:	1358512		
Name:	RAILWAY TECHNICAL RESEARCH INSTITUTE		
Street Address:	2-8-38, HIKARI-CHO, KOKUBUNJI-SHI		
City:	TOKYO		
State/Country:	JAPAN		
Postal Code:	1858540		

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Patent Number:	6610632

### **CORRESPONDENCE DATA**

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503908226 REEL: 039117 FRAME: 0546

PATENT

ATTORNEY DOCKET NUMBER:	1067ASGN-1.555BS
NAME OF SUBMITTER:	CARL I. BRUNDIDGE
SIGNATURE:	/CARL I. BRUNDIDGE/
DATE SIGNED:	07/11/2016

# **Total Attachments: 4**

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> PATENT REEL: 039117 FRAME: 0547

### **ASSIGNMENT**

WHEREAS, INTERNATIONAL SUPERCONDUCTIVITY

TECHNOLOGY CENTER, having its place of business at 3-2-1, Sakado,

Takatsu-ku, Kawasaki-shi, Kanagawa 213-0012 Japan; SWCC SHOWA

CABLE SYSTEMS CO., LTD. having its place of business at 4-3-1,

Toranomon, Minato-ku, Tokyo 105-6012 Japan; FUJIKURA LTD. having its place of business at 1-5-1, Kiba, Koto-ku Tokyo 135-8512 Japan; RAILWAY

TECHNICAL RESEARCH INSTITUTE having its place of business at 2-8-38,

Hikari-cho, Kokubunji-shi, Tokyo 185-8540 Japan, and KABUSHIKI KAISHA

TOSHIBA having its place of business at 1-1, Shibaura 1-chome, Minato-ku,

Tokyo 105-8001 Japan, all being corporations organized under the laws of

Japan, are the co-owners, by Assignment, said application for Letters Patents

of Letters Patents of the United States of America as listed in the attached

APPENDIX A.

WHEREAS, SWCC SHOWA CABLE SYSTEMS CO., LTD.,

FUJIKURA LTD., RAILWAY TECHNICAL RESEARCH INSTITUTE, and

KABUSHIKI KAISHA TOSHIBA are desirous of acquiring all of the rights, title

and interest in, to and under the said application for Letters Patents and Letters

Patents as listed in the attached APPENDIX A, and the inventions covered

thereby, as now co-owned by INTERNATIONAL SUPERCONDUCTIVITY

TECHNOLOGY CENTER, SWCC SHOWA CABLE SYSTEMS CO., LTD.,

FUJIKURA LTD., RAILWAY TECHNICAL RESEARCH INSTITUTE, and

KABUSHIKI KAISHA TOSHIBA, from said co-owners.

WHEREAS, INTERNATIONAL SUPERCONDUCTIVITY

PATENT REEL: 039117 FRAME: 0548 TECHNOLOGY CENTER, is desirous of transferring all of their rights, title and interest in, to and under the said application for Letters Patents and Letters Patents as listed in the attached APPENDIX A, and the inventions covered thereby, as now co-owned by SWCC SHOWA CABLE SYSTEMS CO., LTD., FUJIKURA LTD., RAILWAY TECHNICAL RESEARCH INSTITUTE, and KABUSHIKI KAISHA TOSHIBA, to said SWCC SHOWA CABLE SYSTEMS CO., LTD., FUJIKURA LTD., RAILWAY TECHNICAL RESEARCH INSTITUTE, and KABUSHIKI KAISHA TOSHIBA such that SWCC SHOWA CABLE SYSTEMS CO., LTD., FUJIKURA LTD., RAILWAY TECHNICAL RESEARCH INSTITUTE, and KABUSHIKI KAISHA TOSHIBA, shall become the co-owners of all rights, title and interest in, to and under the said application for Letters Patents and Letters Patents as listed in the attached APPENDIX A, and the inventions covered thereby.

NOW, THEREFORE, for good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, the said INTERNATIONAL SUPERCONDUCTIVITY TECHNOLOGY CENTER, has sold, assigned, transferred and set over and does hereby sell, assign, transfer and set over to the said SWCC SHOWA CABLE SYSTEMS CO., LTD., FUJIKURA LTD., RAILWAY TECHNICAL RESEARCH INSTITUTE and KABUSHIKI KAISHA TOSHIBA all of their rights, title and interest in the said inventions, said application for Letters Patents and Letters Patents as listed in the attached APPENDIX A and any Letters Patents which may be granted thereon, and any reissue or reissues of said application for Letters Patents and Letters Patents which may be granted, the same to be held and enjoyed by said SWCC SHOWA CABLE SYSTEMS CO., LTD., FUJIKURA LTD., RAILWAY

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TECHNICAL RESEARCH INSTITUTE, and KABUSHIKI KAISHA TOSHIBA as its co-owners, for their own use and enjoyment, and for the use and enjoyment of their successors, assigns, or other legal representatives, to the end of the term for which said application for Letters Patents and Letters Patents of the United States are granted or reissued as fully and entirely as the same would have been held and enjoyed by the said INTERNATIONAL SUPERCONDUCTIVITY TECHNOLOGY CENTER, SWCC SHOWA CABLE SYSTEMS CO., LTD., FUJIKURA LTD., RAILWAY TECHNICAL RESEARCH INSTITUTE, and KABUSHIKI KAISHA TOSHIBA, if this assignment and sale had not been made.

Executed this	2nd	_ day of	May	, <u>2016</u> .
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INTERNATIONAL SUPERCONDUCTIVITY TECHNOLOGY CENTER,

Name: Yutaka KIYOKAWA
Title: Senior Managing Director
(Authorized Signing Officer)

Witness:			
Name:	 		

# APPENDIX A

Serial No.	Filing Date	Publication/ Patent No.	Publication/ Issue Date	Title
09/974,972	10/12/2001	6,610,632	8/26/2003	TAPE-FORMED OXIDE SUPERCONDUCTOR

PATENT REEL: 039117 FRAME: 0551

**RECORDED: 07/11/2016**