# 505160610 10/26/2018

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

#### **CONVEYING PARTY DATA**

Name	Execution Date
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FRANCISCO DA SILVA TAVARES	10/08/2018
CINTHYA OESTREICH SILVA	10/08/2018
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ADRIEL ERICH PEREIRA	10/08/2018
CARLOS ALBERTO FERNANDES SOBRINHO	10/08/2018
ANDRÉ LUÍS DE CASTRO MELLO	10/08/2018

#### **RECEIVING PARTY DATA**

Name:	FURUKAWA ELECTRIC LATAM S.A.
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#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16156713

## **CORRESPONDENCE DATA**

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NAME OF SUBMITTER:	CESARE A. SCLAFANI

505160610 PATENT STATES OF THE PATENT PATENT

SIGNATURE:	/Cesare A. Sclafani/	
DATE SIGNED:	10/26/2018	
Total Attachments: 4		
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PATENT REEL: 047322 FRAME: 0930

#### ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made this \_\_\_\_\_\_\_ day of \_\_\_\_\_\_\_, \_\_\_\_\_, by

Sergio Roberto Scarpin; Francisco Da Silva Tavares; Cinthya Oestreich Silva; Guilherme Bauml

Campagnoli; Matheus Kulcheski Carneiro; Adriel Erich Pereira; Carlos Alberto Fernandes

Sobrinho; and André Luís De Castro Mello (hereinafter referred to as Assignors), residing at Rua

Salustiano Cordeiro, 29, Apt. 201, Água Verde, 80620-190 Curitiba, PR, BRAZIL; Rua Luiza

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Araújo, 341 Casa 29, 81312-050 Curitiba, PR, BRAZIL; Rua Luiz Antonio Biazzetto, 436 São

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Centenário, 13070-202 Campinas, SP, BRAZIL; Av. Carlos Grimaldi, 1171 Casa B22, Jd.

Conceição, 13091-000 Campinas, SP, BRAZIL; and Av. Santa Isabel, 692 Apt. 22, Barão Geraldo, 13084-012 Campinas, SP, BRAZIL, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in SYSTEM FOR IDENTIFICATION OF THE PAIRS OF PORTS AND OF THE RESPECTIVE PATCH CORDS IN PATCH PANELS OF TELECOMMUNICATION NETWORKS, set forth in a Utility application for Letters Patent of the United States, already filed on October 10, 2018 as U.S. Application 16/156,713; and

WHEREAS, FURUKAWA ELECTRIC LATAM S.A., having its principal place of business at Rua Hasdrubal, Bellegard, 820 Cidade Industrial, 81460-120 Curitiba, PR, BRAZIL (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions,

Attorney Docket No: 01FURU-PN10002PA Client's Reference: 52327US500

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continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent abovementioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Utility application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

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AND Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignors 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:

## DINSMORE & SHOHL LLP

All practitioners at Customer Number 25006

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

Date:	<u> </u>	Signature:	Sergio Roberto-Scarpin
Date:	08/10/2/48	Signature;	Francisco Da Silva Tavares
Date:	<u> 28/10/201</u> 8	Signature:	Cinthya Ogstreich Silva
Date:	08/10/2018	Signature:	Guilherme Bauful Campagnoli
Date:	<u>08/10 2018</u>	Signature:	Matheus Kulcheski Carneiro

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Date:	38/10/18	Signature:	Ul Gal
			Adriel Erich Pereira
Date:	08/10/2018	Signature:	Jan 12"
			Carlos Alberto Fernandes Sobrinho

Date: פַבּרָאַ אָבָּר Signature: A.J. בּרַ אָבֶּעָה André Luís De Castro Mello

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