## Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:		NEW ASSIGNMENT					
NATURE OF CONVEYANCE:			ASSIGNMENT				
CONVEYING PARTY	Y DATA						
			ame	E	xecution Date		
Siddharth Ramachandran				10/0	10/07/2008		
Andrew D Yablon				10/0	7/2008		
RECEIVING PARTY	DATA						
Name:	lame: Furukawa Electric North America, Inc.						
Street Address:	2000 Northeas	st Expr	ressway				
Internal Address:	Suite 2H02						
City:	Norcross						
State/Country:	GEORGIA						
Postal Code:	30071						
Bronorty -	Turno		Number				
Property -			Number				
Property <sup>-</sup> PCT Number:		US085					
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PCT Number:	E DATA						
PCT Number: CORRESPONDENC Fax Number:	E DATA (770)798	3-4501	3036				
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> PATENT REEL: 021693 FRAME: 0581

## ASSIGNMENT AND AGREEMENT

For value received. I. Siddharth Ramachandran, of Hoboken, Hudson County, New Jersey, and Andrew D. Yablon, of Livingston, Essex County, New Jersey hereby sell, assign and transfer to Furukawa Electric North America, a corporation of the State of Delaware, having an office at 2000 Northeast Expressway, Norcross, Georgia, 30071, U.S.A. and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to **PREVENTING DIELECTRIC** BREAKDOWN IN OPTICAL FIBERS described in an application for Letters Patent of the United States, executed by me on February 5, 2008, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and I also concurrently hereby sell, assign and transfer to Furukawa Electric North America the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

I authorize Furukawa Electric North America to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from me, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of Furukawa Electric North America to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

I request that any and all patents for said inventions be issued to Furukawa Electric North America in the United States and in all countries foreign to the United States, or to such nominees as Furukawa Electric North America may designate.

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I agree that, when requested, I shall, without charge to Furukawa Electric North America but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

Siddharth Ramachandran

Date: 10/7/2006

United States of America) State of New Jersey )ss.:

County of Some-Set )

On this  $13^{+-}$  day of  $00^{-}$  day of  $00^{-}$ ,  $20^{-}$ , before me personally came Siddharth Ramachandran to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Publi

Case 001363 Ramachandran 27-18

Andrew D. Yablon

08 Date:

United States of America)

State of New Jersey ) ss.: County of Somerser )

Notary Public

RONALD D. MALLOY Notary Public of New Jersey Commission Expires 3/29/2012

Furukawa Electric North America, Inc. Docket Administrator 2000 Northeast Expressway (Room 2H02) Norcross, GA 30071

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