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U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office



HEET

103501784

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Jeffrey W. Nicholson
Andrew D. Yablon

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 04/18/2008, 04/18/2008

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other

2. Name and address of receiving party(ies)

Name: Furukawa Electric North America, Inc.

Internal Address:

Street Address: 2000 Northeast Expressway

City: Norcross

State: Georgia

Country: United States of America Zip: 30071

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

☒ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Wendy W. Koba

Internal Address:

Street Address: PO Box 556

City: Springtown

State: PA Zip: 18081

Phone Number: 610-346-7112

Fax Number: 610-346-8189

Email Address: wendykoba@usa.net

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00

- ☐ Authorized to be charged by credit card
☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers
Expiration Date

b. Deposit Account Number 50-2074

Authorized User Name FitelUSA Corp
05/05/2008 DATE 00000041 502074 12150692

9. Signature:

Wendy W. Koba
Signature

April 30, 2008
Date

Wendy W. Koba

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

ASSIGNMENT AND AGREEMENT

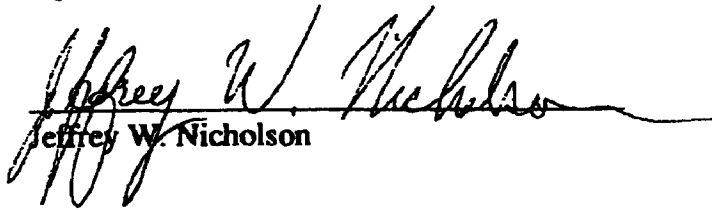
For value received, we **Jeffrey W. Nicholson** of Morristown, in the State of New Jersey, and **Andrew D. Yablon**, of Livingston, in the State of New Jersey, hereby sell, assign and transfer to **Furukawa Electric North America, Inc.**, a corporation of the State of Delaware, having an office at 2000 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 **All-Fiber Module For Femtosecond Pulse Compression And Supercontinuum Generation** described in an application for Letters Patent of the United States, executed by us of even date herewith, 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 we also concurrently hereby sell, assign and transfer to **Furukawa Electric North America, Inc.** 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.

We authorize **Furukawa Electric North America, Inc.** 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 us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

We 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, Inc.** to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

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

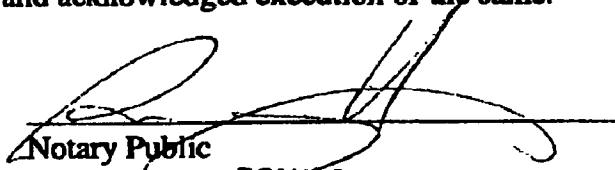
We agree that, when requested, we shall, without charge to Furukawa Electric North America, Inc. but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

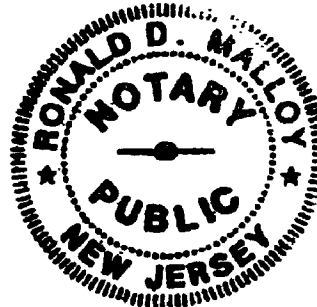

Jeffrey W. Nicholson

Date: 4-18-08

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

On this 18th day of April, 2008, before me personally came Jeffrey W. Nicholson, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.


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



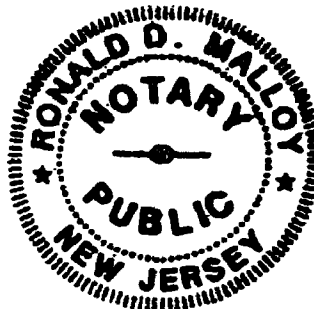
Andrew D. Yablon
Andrew D. Yablon

Date: April 18, 2008

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

On this 18th day of April, 2008, before me personally came Andrew D. Yablon, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

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



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