

09-30-2004

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Form PTO-1595

(Rev. 10/02)

OMB No. 0651-0027 (exp. 6/30/2005)

Tab settings ⇌ ⇌ ⇌

102847944

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

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Bruce A. Colombo Peng Wang
Clay A. Feustel
Mark R. Jennings
Alex RichardAdditional name(s) of conveying party(ies) attached? ☒ Yes ☐ No

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: various

3-2-04

2. Name and address of receiving party(ies)

Name: Furukawa Electric North America, Inc.

Internal Address: Suite 2H02

Street Address: 2000 Northeast Expressway

City: Norcross State: Ga Zip: 30071

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

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s) 10/791115

B. Patent No.(s) _____

Additional numbers attached? ☐ Yes ☒ No

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

Name: Docket Administrator

Internal Address: Suite 2H02

Street Address: 2000 Northeast Expressway

City: Norcross State: Ga Zip: 30071

6. Total number of applications and patents involved: 1

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

☐ Enclosed☒ Authorized to be charged to deposit account

8. Deposit account number:

50-2074

DO NOT USE THIS SPACE

9. Signature.

Allisha D. Rochester

Name of Person Signing

Signature

09/21/04

Date

Total number of pages including cover sheet, attachments, and documents: 8

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

09/29/2004 6TOM11 00000266 502074 10791115

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40.00 DA

PATENT
REEL: 015828 FRAME: 0687

030204

04772 U.S. PTO

10-2004
102690051

PTO/SB/05 (01-04)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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UTILITY
PATENT APPLICATION
TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

| | |
|------------------------|---|
| Attorney Docket No. | Colombo S-4-30-1-2 |
| First Inventor | Bruce A. Colombo |
| Title | Universal Apparatus for Incorporating Intelligence into An Optical Fiber... |
| Express Mail Label No. | ER 190232595 US |

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 17]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 4]
5. Oath or Declaration [Total Sheets 8]
 - a. ☒ Newly executed (original or copy)
 - b. ☐ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
 - i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. ☐ Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ Paper
 - c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement of Power of Attorney (when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☒ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☐ Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.:Prior application information: Examiner: _____ Art Unit: _____
For CONTINUATION OR DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☐ Customer Number: _____ OR ☒ Correspondence address below

| | | | |
|---------|---------------------------|--------------|--------------|
| Name | Michael A. Morra, Esq. | | |
| Address | 2000 Northeast Expressway | | |
| | Suite 2H02 | | |
| City | Norcross | State | Georgia |
| Country | USA | Zip Code | 30071 |
| | Telephone | 770-798-2040 | Fax |
| | | | 770-798-4501 |

| | | | |
|-------------------|-------------------------|-----------------------------------|---------|
| Name (Print/Type) | Michael A. Morra, Esq. | Registration No. (Attorney/Agent) | 28975 |
| Signature | <i>Michael A. Morra</i> | Date | 2-25-04 |

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PATENT
REEL: 015828 FRAME: 0688

ASSIGNMENT AND AGREEMENT

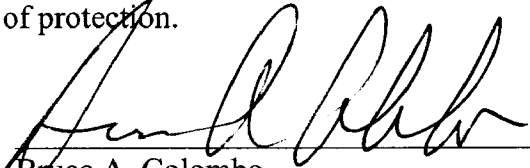
For value received, we, Bruce A. Colombo, of Pompton Plains, in the State of New Jersey, Clay A. Feustel, of Lawrenceville, State of Georgia, Mark R. Jennings, of Andover, State of New Jersey, Alex R. Richard, of Dover, State of New Jersey, and Peng Wang, of Alpharetta, State of Georgia, hereby sell, 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 Universal Apparatus For Incorporating Intelligence Into An Optical Fiber Distribution Frame 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.

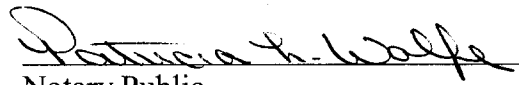
We agree that, when requested, we shall, without charge to Furukawa Electric North America, Inc. but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.


Bruce A. Colombo

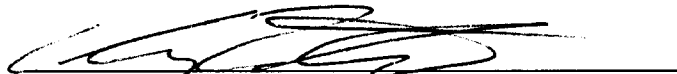
Date: 2/10/04

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

On this 10th day of February, 2004, before me personally came Bruce A. Colombo, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.


Notary Public

PATRICIA L. WOLFE
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 1/18/2005

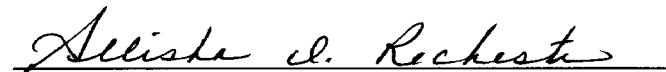

Clay A. Feustel

Date: 2/11/04

United States of America)
State of Georgia) ss.:
County of Gwinnett)

On this 11th day of February, 20 004, before
me personally came Clay A. Feustel, to me known to be the individual described in
and who executed the foregoing instrument, and acknowledged execution of the same.




Notary Public

Mark R. Jennings
Mark R. Jennings

Date: 2/11/04

United States of America)
State of Georgia) ss.:
County of Gwinnett)

On this 11th day of February, 2004, before
me personally came Mark R. Jennings, to me known to be the individual described in
and who executed the foregoing instrument, and acknowledged execution of the same.



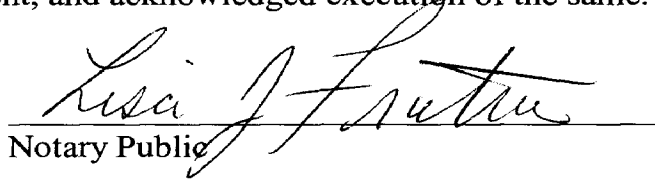
Allisha D. Rochester
Notary Public


Alex Richard

Date: 02/19/2004

United States of America)
State of CT) ss.:
County of NEW LONDON)

On this 19th day of FEBRUARY, 20 04, before
me personally came Alex Richard, to me known to be the individual described in and
who executed the foregoing instrument, and acknowledged execution of the same.


Notary Public

LISA J. FRATONI
NOTARY PUBLIC
MY COMMISSION EXPIRES JUNE 30, 2004

Peng Wang

Peng Wang

Date: 2/10/04

United States of America)
State of Georgia) ss.:
County of Gwinett)

On this 10th day of February, 20 04, before
me personally came Peng Wang, to me known to be the individual described in and
who executed the foregoing instrument, and acknowledged execution of the same.

Allisha D. Rochester

Notary Public

Furukawa Electric North America, Inc.
2000 Northeast Expressway
Suite 2H02
Norcross, Georgia 30071

