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Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.
13/653,095 10/16/2012 Donald Andrew Burris HI12-117 3288

21495 7590 12/16/2014
CORNING INCORPORATED
INTELLECTUAL PROPERTY DEPARTMENT, SP-TI-3-1
CORNING, NY 14831

EXAMINER

DUVERNE, JEAN F

ART UNIT PAPER NUMBER

2833

NOTIFICATION DATE DELIVERY MODE

12/16/2014

ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

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PPC Exhibit 2024
Corning v. PPC
IPR2016-01569

<b>Office Action Summary</b>	<b>Application No.</b> 13/653,095	<b>Applicant(s)</b> BURRIS ET AL.	
	<b>Examiner</b> JEAN F. DUVERNE	<b>Art Unit</b> 2833	<b>AIA (First Inventor to File) Status</b> No

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTHS FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1)  Responsive to communication(s) filed on 12/04/2014.  
 A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on \_\_\_\_\_.
- 2a)  This action is **FINAL**.                                      2b)  This action is non-final.
- 3)  An election was made by the applicant in response to a restriction requirement set forth during the interview on \_\_\_\_\_; the restriction requirement and election have been incorporated into this action.
- 4)  Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims\***

- 5)  Claim(s) 1-23 is/are pending in the application.  
5a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 6)  Claim(s) \_\_\_\_\_ is/are allowed.
- 7)  Claim(s) 1-23 is/are rejected.
- 8)  Claim(s) \_\_\_\_\_ is/are objected to.
- 9)  Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

\* If any claims have been determined allowable, you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see [http://www.uspto.gov/patents/init\\_events/pph/index.jsp](http://www.uspto.gov/patents/init_events/pph/index.jsp) or send an inquiry to [PPHfeedback@uspto.gov](mailto:PPHfeedback@uspto.gov).

**Application Papers**

- 10)  The specification is objected to by the Examiner.
- 11)  The drawing(s) filed on \_\_\_\_\_ is/are: a)  accepted or b)  objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

**Priority under 35 U.S.C. § 119**

- 12)  Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

**Certified copies:**

- a)  All    b)  Some\*\*    c)  None of the:
1.  Certified copies of the priority documents have been received.
2.  Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3.  Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\*\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1)  Notice of References Cited (PTO-892)
- 2)  Information Disclosure Statement(s) (PTO/SB/08a and/or PTO/SB/08b)
- 3)  Interview Summary (PTO-413) Paper No(s)/Mail Date. \_\_\_\_\_

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The present application is being examined under the pre-AIA first to invent provisions.

### DETAILED ACTION

#### *Claim Rejections - 35 USC § 102*

The following is a quotation of the appropriate paragraphs of pre-AIA 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1, 4-8, 13-14, 17-19 are rejected under pre-AIA 35 U.S.C. 102 (e) as being anticipated by Ehret et al (US008480430B2).

Regarding claims 1, 4-8, Ehret's device discloses a coaxial cable connector (100) for coupling an end of a coaxial cable to a terminal, the coaxial cable (10) comprising an inner conductor (1), a dielectric (16) surrounding the inner conductor (1), an outer conductor (14) surrounding the dielectric (16), and a jacket (12 or 12a) surrounding the outer conductor (14), the connector comprising: a coupler (30) adapted to couple the connector to the terminal; a body assembled with the coupler, and a post (40) assembled with the coupler (30) and the body (50), wherein the post (40) is adapted to receive an end of a coaxial cable (10), and wherein the coupler (30) and post (40) provide RF shielding such that RF signals external to the coaxial cable connector 20-43) are attenuated such that the integrity of an electrical signal transmitted through coaxial

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cable connector is maintained regardless of the tightness of the coupling of the connector to the terminal, and without a separate continuity member (col. 10, 62-67, col. 11, lines 1-23); wherein the RF signals external to the connector comprise RF signals that ingress into the connector (see col. 1, lines 21-42); wherein the RF signals external to the connector comprise RF signals that egress out from the connector(see col. 1, lines 21-42); wherein the coupler (30) comprises, a step (treading shape), and a lip (protruding end portion), and wherein the post (40) comprises, a flange at 45, a contacting portion at 42 and a shoulder at 47; wherein a first circuitous path (connection path) is established by at least one of the step, the lip, the flange, the contacting portion and the shoulder, and wherein the first circuitous path attenuates of RF signals external to the connector (see figs. 1-23); wherein the contacting portion at 42 is integral and monolithic with at least a portion of the post.

Regarding claims 13-14,17-19, Ehret's's device discloses the aforementioned including the post at 41 providing a continuous path resulting in RF shielding such that RF signals external to the coaxial cable connector are attenuated, such that the integrity of an electrical signal transmitted through coaxial cable connector (10) is maintained regardless of the tightness of the coupling of the connector to the terminal (20).

### ***Claim Rejections - 35 USC § 103***

The following is a quotation of pre-AIA 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been

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obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 2-3, 9-12, 15-16, 20-23 are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Ehret et al (US008480430B2).

Regarding claims 2-3, 15-16, Ehret's device discloses the aforementioned, but fails to explicitly disclose the RF signal range or the resistance of the conductor. It would have been obvious to one having ordinary skill in the art at the time the invention was made to the RF signal range or the resistance of the conductor to have the RF signal conductor having a certain range values, since it has been held that where the general conditions of a claim are disclosed in the prior art, discovering the optimum or workable ranges involves only routine skill in the art. In re Aller, 105 USPQ 233. It would have been obvious to one having ordinary skill in the art at the time the invention was made to the RF signal range or the resistance of the conductor to have the RF signal conductor with a certain range values in order to meet the system specification and requirement.

Regarding claims 9-12, 20-23, Ehret's device discloses equipment connection port at 20, and wherein the coupler comprises a threaded portion at 33 adapted to connect with a threaded portion at 24 of the equipment connection port, and wherein at least one thread on the coupler. However, Ehret's device fails to explicitly disclose the threading size. It would have been obvious matter of design choice to have the threading being at a certain angle or size, such a modification would have involved a mere change in the size of the component. A change in size of the threading is

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