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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/653,095	10/16/2012	Donald Andrew Burriss	HI12-117	3288
21495	7590	02/28/2014	EXAMINER	
CORNING INCORPORATED INTELLECTUAL PROPERTY DEPARTMENT, SP-TI-3-1 CORNING, NY 14831			DUVERNE, JEAN F	
			ART UNIT	PAPER NUMBER
			2833	
			NOTIFICATION DATE	DELIVERY MODE
			02/28/2014	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):

usdocket@corning.com

PPC Exhibit 2021
Corning v. PPC
IPR2016-01569

Office Action Summary

Application No.
13/653,095

Applicant(s)
BURRIS ET AL.

Examiner
JEAN F. DUVERNE

Art Unit
2833

AIA (First Inventor to File) Status
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 02/06/2014.
 - 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 or send an inquiry to 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. _____.

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 –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1, 4-9, 12-14, 17-20 are rejected under pre-AIA 35 U.S.C. 102 (b) as being anticipated by Purdy (US 20100255719A1).

Regarding claims 1, 4-5, Purdy's device discloses a coaxial cable connector (100) for coupling an end of a coaxial cable (10) to a terminal (20), the coaxial cable (10) comprising an inner conductor (18), a dielectric surrounding the inner conductor (16), an outer conductor (14) surrounding the dielectric (16), and a jacket surrounding the outer conductor (14), the connector comprising: a coupler (30) adapted to couple the connector to the terminal; a body (50) assembled with the coupler, and a post (40) assembled with the coupler and the body, wherein the post is adapted to receive an end of a coaxial cable (10), and wherein the coupler and post provide RF shielding such that RF signals external to the coaxial cable connector (100) are attenuated such that the integrity of an electrical signal transmitted through coaxial cable connector (100) is maintained regardless of the tightness of the coupling of the connector to the terminal (20: paragraph 0035); wherein the RF signals external to the connector comprise RF

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signals that ingress into the connector; wherein the RF signals external to the connector comprise RF signals that egress out from the connector (inherent limitations).

The term "adapted to" as recited in the claims is considered as intended use. It has been held that a recitation with respect to the manner in which a claimed apparatus is intended to be employed does not differentiate the claimed apparatus from a prior art apparatus satisfying the claimed structural limitations. *Ex parte Masham*, 2 USPQ2d 1647 (1987) .

Regarding claims 6-8, Purdy's device discloses the aforementioned including the coupler (30) with a step, and a lip, and wherein the post comprises, a flange, a contacting portion and a shoulder (see fig. 1); wherein a first circuitous 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; wherein the contacting portion is integral and monolithic with at least a portion of the post at 41. It has been held that the term "integral" is sufficiently broad to embrace constructions united by such means as fastening and welding. *In re Hotte*, 177 USPQ 326, 328 (CCPA 1973).

Regarding claims 9, 12, Purdy's device discloses the aforementioned including the terminal comprises an equipment connection port, and wherein the coupler at 30 comprises a threaded portion adapted to connect with a threaded portion of the equipment connection port, and wherein at least one thread on the coupler has a pitch

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angle different than a pitch angle of at least one thread of the equipment connection port (see fig. 1).

Regarding claims 13-14,17-20, Purdy'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 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, 10-11, 15-16, 21-23 are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Purdy (US 20100255719A1).

Regarding claims 2-3, 15-16, Purdy'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 with a certain range values, since it has been held that where the general

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