

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Donald Andrew Burris
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Title : COAXIAL CABLE CONNECTOR WITH INTEGRAL RFI PROTECTION
AND BIASING RING
Examiner : Jeancharles, Milagros
Docket : HI13-041
Art Unit : 2833
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AMENDMENT

This paper is being filed in response to the Office Action of February 2, 2016.

Reconsideration of the present application is respectfully requested in light of the amendments and remarks below, which include, in order of appearance, beginning on separate sheets:

- Amendments to the Claims; and
- Remarks.

PPC Exhibit 2029
Corning v. PPC
IPR2016-01569

Amendments to the Claims

The following listing of claims will replace all prior versions, and listings, of claims in the present application:

1. (Currently amended) A coaxial cable connector for coupling an end of a coaxial cable to a terminal, the coaxial cable comprising an inner conductor, a dielectric surrounding the inner conductor, an outer conductor surrounding the dielectric, and a jacket surrounding the outer conductor, the connector comprising:
 - a coupler adapted to couple the connector to the terminal;
 - a body assembled with the coupler;
 - a post assembled with the coupler and the body, wherein the post is adapted to receive an end of a coaxial cable; and
 - a biasing ring positioned inside of the coupler,wherein at least one of the coupler, the post, ~~or and~~ the body has a contacting portion to establish electrical continuity between at least two of the coupler, the body and the post, and wherein the contacting portion is formed monolithically with the at least one of the coupler, the post, and the body, ~~or and~~ wherein the biasing ring biases the contacting portion such that electrical continuity is maintained regardless of the tightness of the coupling of the connector to the terminal and the contacting portion at least partially encloses the biasing ring when the coaxial cable connector is assembled.
2. (Currently amended) The coaxial cable connector of claim 1, wherein the contacting portion is [[a]] radially projecting.
3. (Canceled)
4. (Original) The coaxial cable connector of claim 2, wherein the contacting portion forms in a rearward facing manner when the coaxial cable connector is assembled.

5. (Original) The coaxial cable connector of claim 2, wherein the contacting portion forms in a forward facing manner when the coaxial cable connector is assembled.
6. (Original) The coaxial cable connector of claim 1, wherein the contacting portion provides for electrical continuity from the outer conductor of the coaxial cable to the terminal regardless of the tightness or adequacy of the coupling of the coaxial cable connector to the terminal.
7. (Currently amended) The coaxial cable connector of claim 1, wherein the biasing ring is constructed at least partially from conductive material.
8. (Currently amended) A coaxial cable connector for coupling an end of a coaxial cable to an equipment connection port, the coaxial cable comprising an inner conductor, a dielectric surrounding the inner conductor, an outer conductor surrounding the dielectric, and a jacket surrounding the outer conductor, the connector comprising:
- a coupler adapted to couple the connector to the equipment connection port;
 - a body assembled with the coupler, and
 - a post assembled with the coupler and the body, wherein the post is adapted to receive an end of a coaxial cable;
 - a biasing ring, and
 - a retainer assembled with the coupler and the body, wherein the retainer extends into the body and the retainer comprises a contacting portion, and wherein the contacting portion is of monolithic construction with the retainer, and
- wherein electrical continuity is established between the retainer and the coupler, and wherein the biasing ring biases the contacting portion to the coupler such that electrical continuity is maintained regardless of the tightness of the coupling of the connector to the terminal and the contacting portion at least partially encloses the biasing ring when the coaxial cable connector is assembled.
9. (Original) The coaxial cable connector of claim 8, wherein the contacting portion is a radially projecting.

10. (Original) The coaxial cable connector of claim 9, wherein the contacting portion at least partially encloses the biasing ring when the coaxial cable connector is assembled.

11. (Original) The coaxial cable connector of claim 9, wherein the contacting portion forms in a forward facing manner when the coaxial cable connector is assembled.

12. (New) A coaxial cable connector for coupling an end of a coaxial cable to an equipment connection port, the coaxial cable comprising an inner conductor, a dielectric surrounding the inner conductor, an outer conductor surrounding the dielectric, and a jacket surrounding the outer conductor, the connector comprising:

a coupler adapted to couple the connector to the terminal;

a body assembled with the coupler;

a post comprising a monolithically formed contacting portion, the post assembled with the coupler and the body, wherein the post is adapted to receive an end of a coaxial cable; and

a biasing ring positioned inside of the coupler,

wherein the contacting portion is adapted to establish electrical continuity between the post and the coupler, and wherein the biasing ring biases the contacting portion such that electrical continuity is maintained regardless of the tightness of the coupling of the connector to the terminal and the contacting portion at least partially encloses the biasing ring when the coaxial cable connector is assembled.

13. (New) The coaxial cable connector of claim 12, wherein the contacting portion is radially projecting.

14. (New) The coaxial cable connector of claim 13, wherein the contacting portion forms in a rearward facing manner when the coaxial cable connector is assembled.

15. (New) The coaxial cable connector of claim 13, wherein the contacting portion forms in a forward facing manner when the coaxial cable connector is assembled.

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16. (New) The coaxial cable connector of claim 12, wherein the contacting portion provides for electrical continuity from the outer conductor of the coaxial cable to the terminal regardless of the tightness or adequacy of the coupling of the coaxial cable connector to the terminal.

17. (New) The coaxial cable connector of claim 12, wherein biasing ring is constructed at least partially from conductive material.

18. (New) The coaxial cable connector of claim 12, wherein the coupler comprises a front end, a back end, and a lip extending into a bore formed by the coupler, and the contacting portion of the post is disposed forward of the lip of the coupler when the coaxial cable connector is assembled.

19. (New) The coaxial cable connector of claim 12 wherein the contacting portion extends from a shoulder of the post.

20. (New) The coaxial cable connector of claim 19 wherein the contacting portion radially extends from a shoulder of the post.

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