IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of

Applicants	:	Donald Andrew Burris
Serial No.	:	13/652,969
Filed	:	October 16, 2012
Title	:	COAXIAL CABLE CONNECTOR WITH INTEGRAL CONTINUITY CONTACTING PORTION
Docket	:	HI 12-019
Examiner	:	Chung Trans, Xuong My
Art Unit	:	2833
Conf. No.	:	7208

MAIL STOP AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

AMENDMENT

This paper is being filed in response to the Office Action mailed December 19, 2014. 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.

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 a terminal, the coupler comprising a lip extending into a central passage defined by the coupler;

a body assembled with the coupler, and

a post assembled with the coupler and the body, the post comprising a flange disposed at a front end of the post, wherein the post is adapted to receive an end of a coaxial cable, and

wherein at least one of the coupler~~, the body~~ and the post comprises an integral contacting portion disposed between the flange of the post and the lip of the coupler, the integral contacting portion extending between the coupler and post, and wherein the contacting portion is monolithic with at least a portion of the at least one of the coupler~~, the body~~ and the post, and wherein when the connector is coupled to the terminal and a coaxial cable is received by the body, the contacting portion provides for electrical continuity from an outer conductor of the coaxial cable through the connector to the terminal regardless of the tightness of the coupling of the connector to the terminal.

2. (Original) The connector of claim 1, wherein electrical continuity from an outer conductor of the coaxial cable through the connector to the terminal is provided other than by a separate continuity component.

3. (Original) The connector of claim 1, wherein the contacting portion is constructed of a material having an elastic/plastic property allowing it to maintain electrical and mechanical contact notwithstanding any interstice between components of the connector when assembled.

4. (Original) The connector of claim 1, wherein the contacting portion is formable.

5. (Original) The connector of claim 4, wherein the contacting portion forms to a contour of at least one of the coupler and the post when the post is at least partially assembled with the coupler.

6. (Withdrawn) The connector of claim 4, wherein the contacting portion forms to a contour of at least one of the body and the post when the post is at least partially assembled with the body.

7. (Original) The connector of claim 4, wherein the contacting portion forms to at least a partially arcuate shape.

8. (Original) The connector of claim 1, wherein the electrical continuity means a DC contact resistance from the outer conductor of the coaxial cable to the equipment port through the connector of less than about 3000 milliohms.

9. (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 having a central bore and adapted to couple the connector to a terminal; and

a body having a central passage assembled with the coupler, and

a post having a front end and a back end, the post assembled with the coupler and the body, wherein the post is disposed at least partially within the central passage of the body and at least partially within the central bore of the coupler, and wherein the body and the post are adapted to receive an end of a coaxial cable, and

wherein the post comprises a flange and an integral contacting portion disposed rearward of the flange, the integral contacting portion ~~that~~ provides for electrical continuity from an outer conductor of the coaxial cable received by the body and the post through the connector to the terminal coupled by the coupler regardless of the tightness of the coupling of the connector to the terminal, and wherein the contacting portion is constructed from a single piece of material with at least a portion of the post.

10. (Original) The connector of claim 9, wherein the contacting portion is constructed of a material having an elastic/plastic property allowing it to maintain electrical and mechanical contact notwithstanding any interstice between components of the connector when assembled.

11. (Original) The connector of claim 9, wherein the contacting portion is formable.

12. (Original) The connector of claim 11 wherein the contacting portion forms based on a contour of at least one of the body and the coupler when the post at least partially assembles with one of the body and the coupler.

13. (Original) The connector of claim 11, wherein the contacting portion forms to at least a partially arcuate shape.

14. (Previously presented) The connector of claim 11, wherein the contacting portion forms in response to a forming tool.

15. (Original) The connector of claim 9, wherein the contacting portion is a protrusion.

16. (Original) The connector of claim 9, wherein the contacting portion is radially projecting.

17. (Original) The connector of claim 9, wherein the contacting portion has a multi-cornered configuration.

18. (Withdrawn) The connector of claim 9, wherein the contacting portion is segmented.

19. (Currently amended) A method of providing electrical continuity in a coaxial cable connector, comprising:

providing components of a coaxial cable connector, wherein at least one of the components has an integral, formable contacting portion protruding away from the at least one of the components toward another component, wherein the contacting portion is monolithic with the at least one of the components; and

assembling the components to provide a coaxial cable connector, wherein the assembling forms the contacting portion to a contour ~~to at least one of the components~~ of the other component,

wherein the contacting portion forms in at least a partially arcuate shape.

20. (Original) The method of claim 19, wherein the components are composed from the group consisting of a coupler, a body, and a post.

21. (Original) The method of claim 19, further comprising:

receiving by one of the components a coaxial cable, and

coupling by one of the components the coaxial cable connector to a terminal.

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