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(54) **COAXIAL CABLE CONNECTOR WITH INTEGRAL RFI PROTECTION AND BIASING RING**

Publication Classification

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H01R 13/658 (2006.01)
H01R 9/00 (2006.01)

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(52) **U.S. Cl.**
CPC *H01R 13/5825* (2013.01); *H01R 9/00* (2013.01); *H01R 13/658* (2013.01)
USPC **439/578**

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(57) **ABSTRACT**

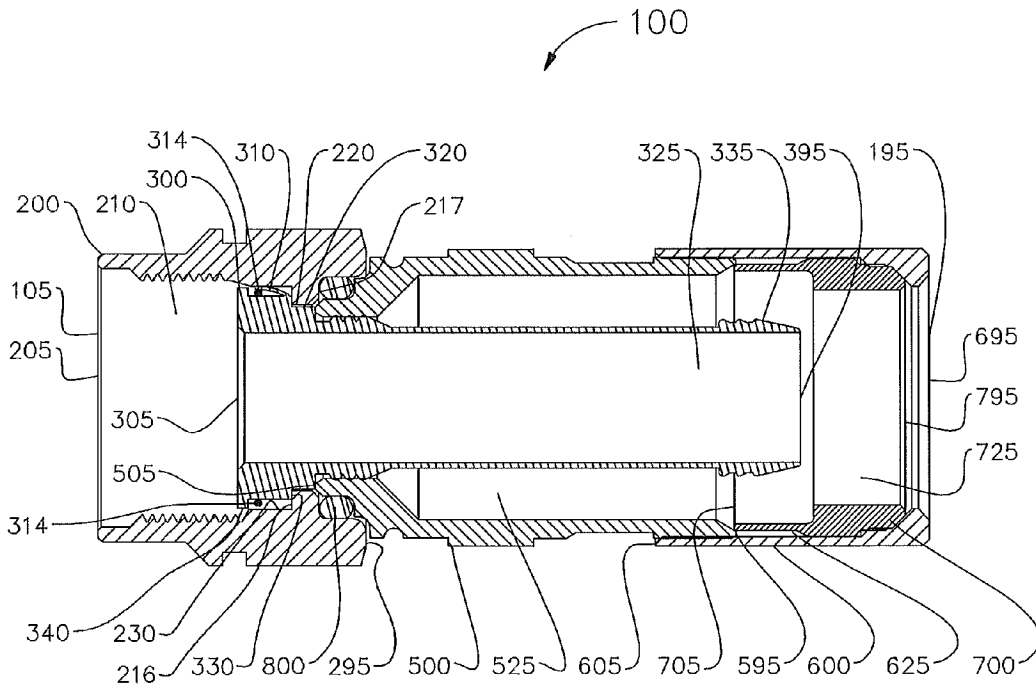
(21) Appl. No.: **14/259,703**

A coaxial cable connector having an inner conductor, a dielectric surrounding the inner conductor, an outer conductor surrounding the dielectric, and a jacket surrounding the outer conductor and used for coupling an end of a coaxial cable to an equipment connection port. The coaxial cable includes a coupler, a body, a post, and a biasing ring. The coupler is adapted to couple the coaxial cable connector to the equipment connection port. At least one of the coupler, the post, and the body has an integral, monolithic contacting portion to establish electrical continuity between at least two of the coupler, the body and the post. The biasing ring biases the contacting portion such that the electrical continuity is maintained regardless of the tightness of the coupling of the connector to the terminal.

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Related U.S. Application Data

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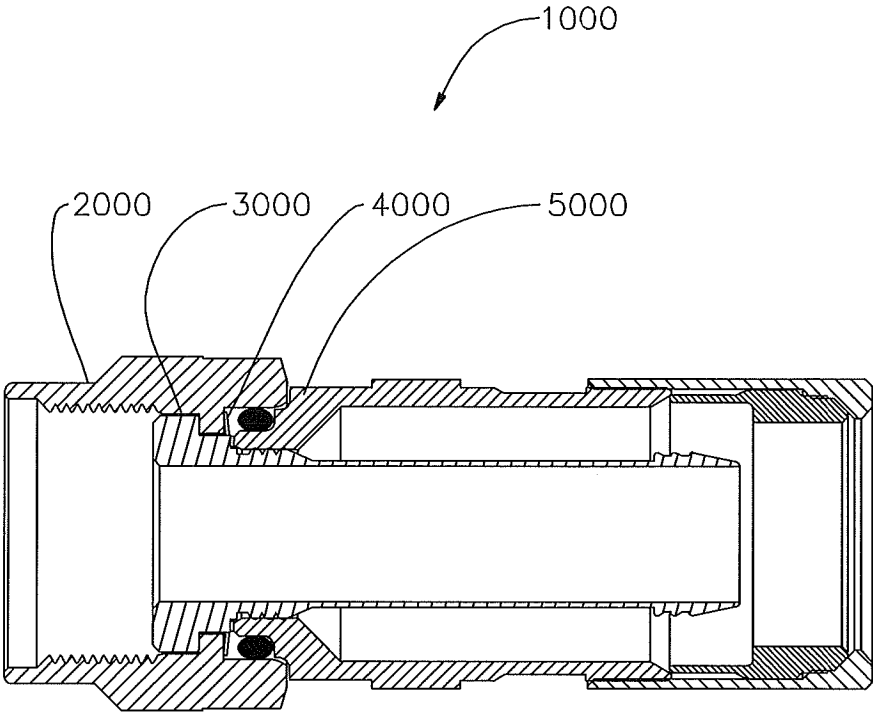


FIG. 1

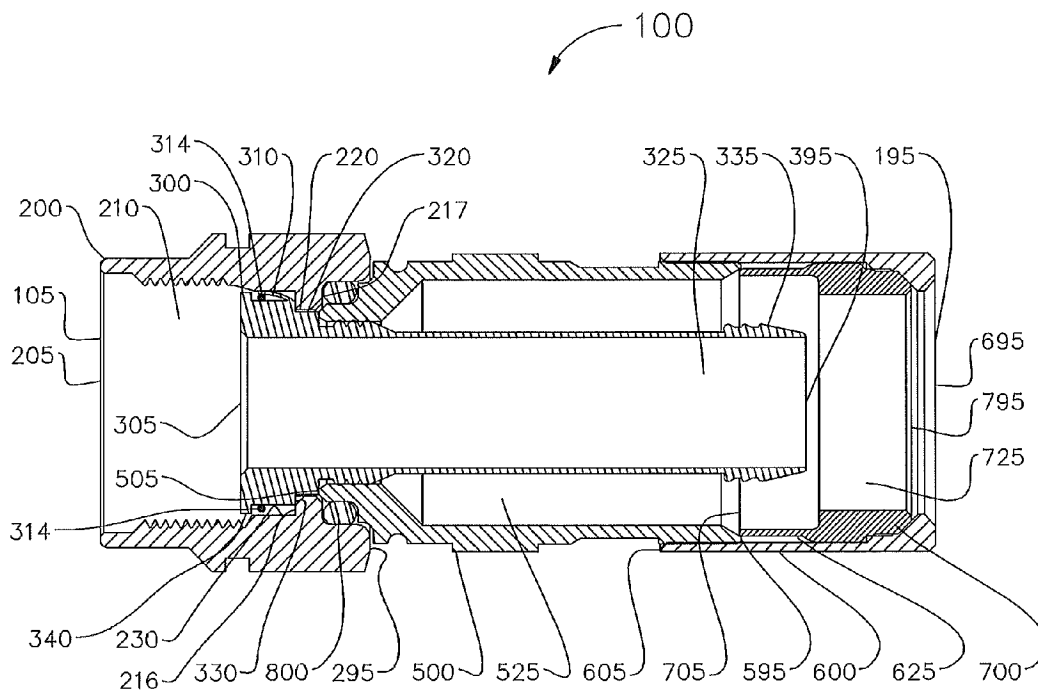


FIG. 2

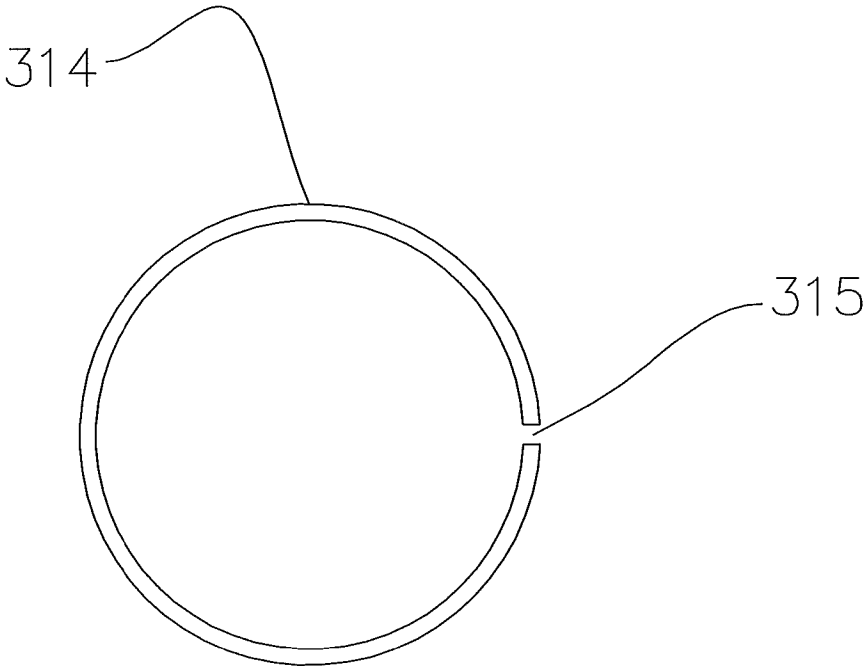


FIG. 3

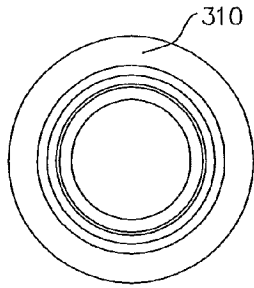


FIG 4B

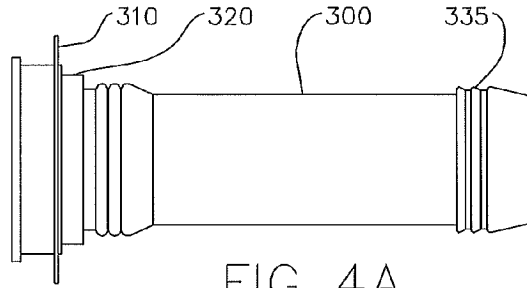


FIG 4A

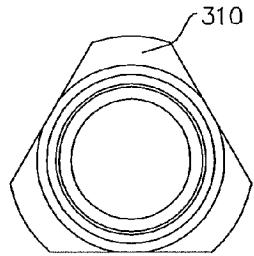


FIG 4D

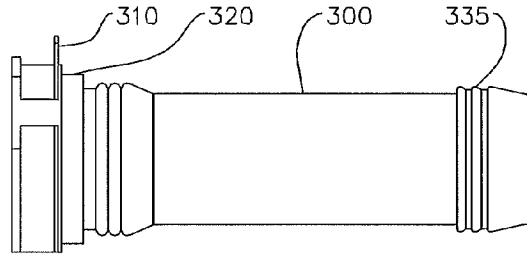


FIG 4C

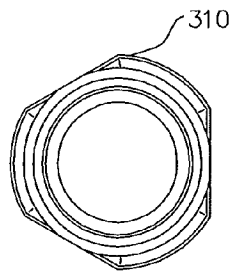


FIG 4F

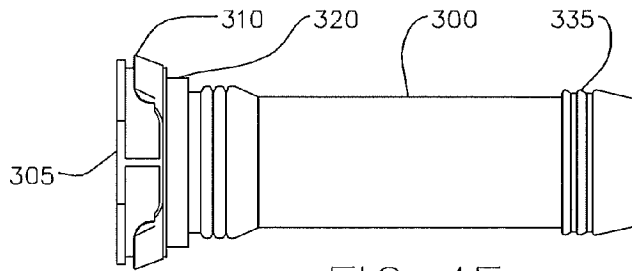


FIG 4E

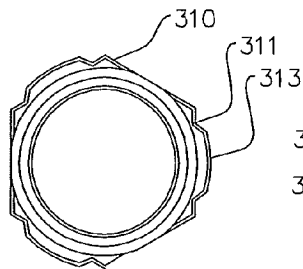


FIG 4H

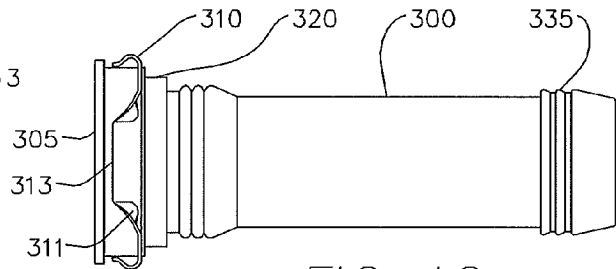


FIG 4G

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