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**Burris et al.**

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(54) **INTEGRALLY CONDUCTIVE LOCKING  
COAXIAL CONNECTOR**

(75) Inventors: **Donald Andrew Burris**, Peoria, AZ  
(US); **William Bernard Lutz**, Glendale,  
AZ (US)

(73) Assignee: **Corning Gilbert Inc.**, Glendale, AZ  
(US)

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patent is extended or adjusted under 35  
U.S.C. 154(b) by 106 days.

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6, 2009.

(51) **Int. Cl.**  
**H01R 9/05** (2006.01)

(52) **U.S. Cl.**  
USPC ..... **439/578**

(58) **Field of Classification Search**  
USPC ..... 439/578, 584, 583  
See application file for complete search history.

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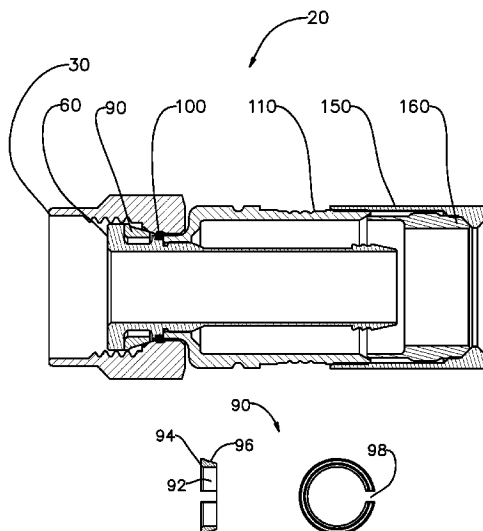
*Primary Examiner* — Neil Abrams

*Assistant Examiner* — Travis Chambers

(57) **ABSTRACT**

The coaxial connector has a coupling nut, a post, a hollow body, and a ring that prevents interfaces from gapping and provide a robust alternative ground path that also RF shields the connector from both ingress and egress. The ring is biased radially outward to engage the coupling nut, thereby biasing the coupling nut in a rearward direction and, at the same time, biasing the post in a forward direction to engage a terminal.

**10 Claims, 6 Drawing Sheets**



**PPC Exhibit 2017**  
**Corning v. PPC**  
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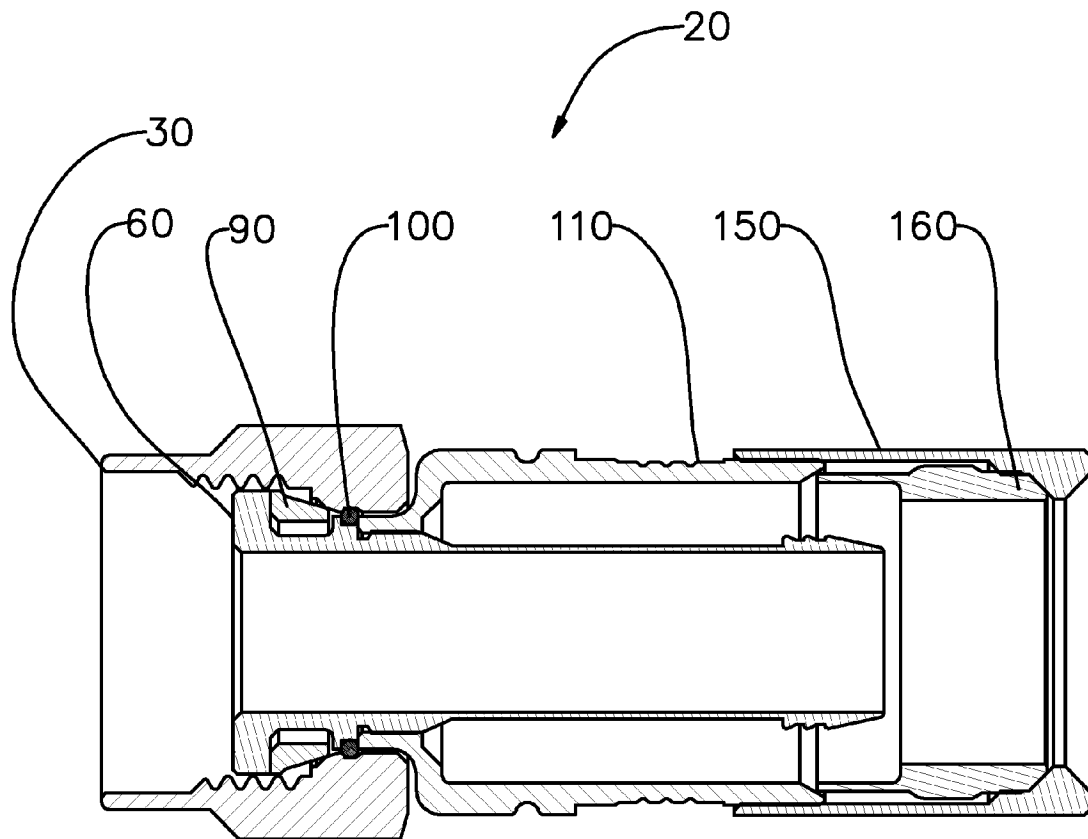
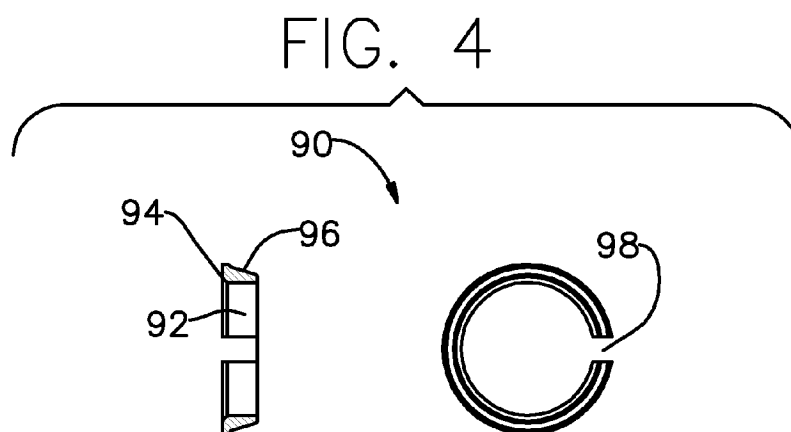
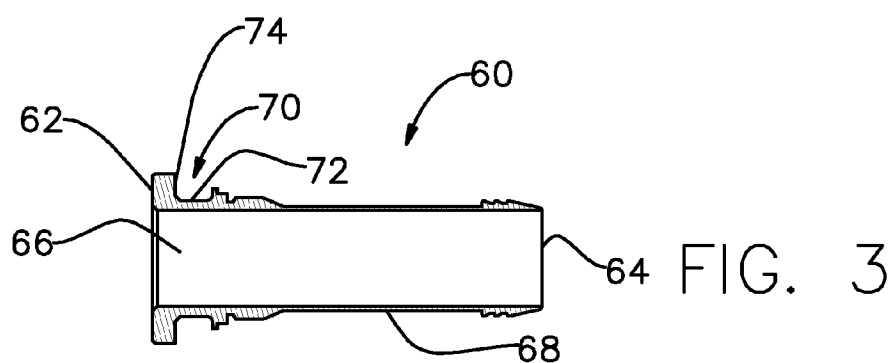
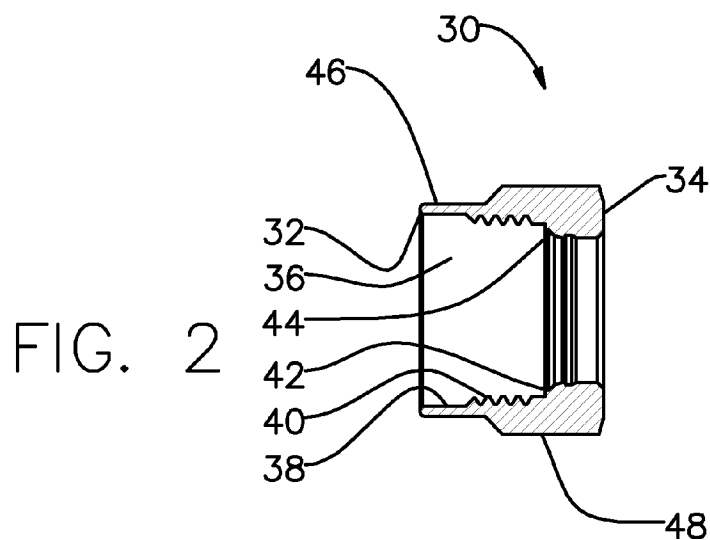


FIG. 1



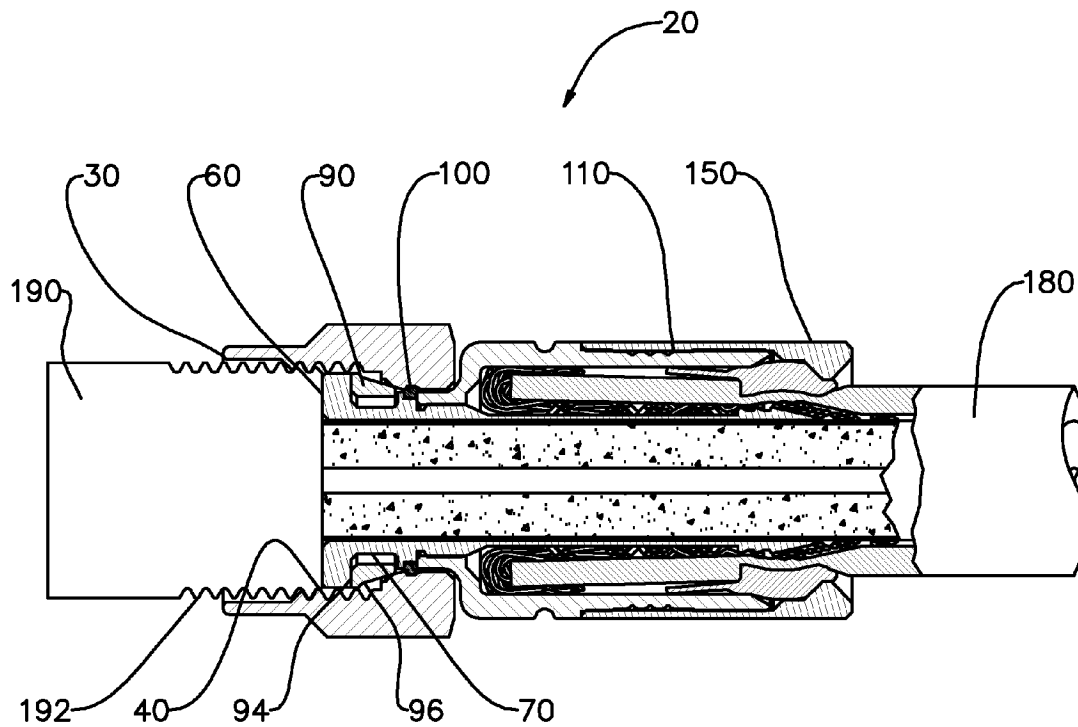


FIG. 5

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