

- [54] COAXIAL CONNECTOR ASSEMBLY
- [75] Inventor: James Kubota, Amherst, N.H.
- [73] Assignee: Omni Spectra, Inc., Merrimack, N.H.
- [21] Appl. No.: 324,113
- [22] Filed: Nov. 23, 1981
- [51] Int. Cl.³ H01R 17/18
- [52] U.S. Cl. 339/177 R; 339/252 R;
339/256 RT; 339/DIG. 3
- [58] Field of Search 339/177 R, 177 E, 89 C,
339/90 C, DIG. 3, 256 R, 252 R, 258 R, 258
RR, 259 R, 255 R, 255 RT, 256 RT

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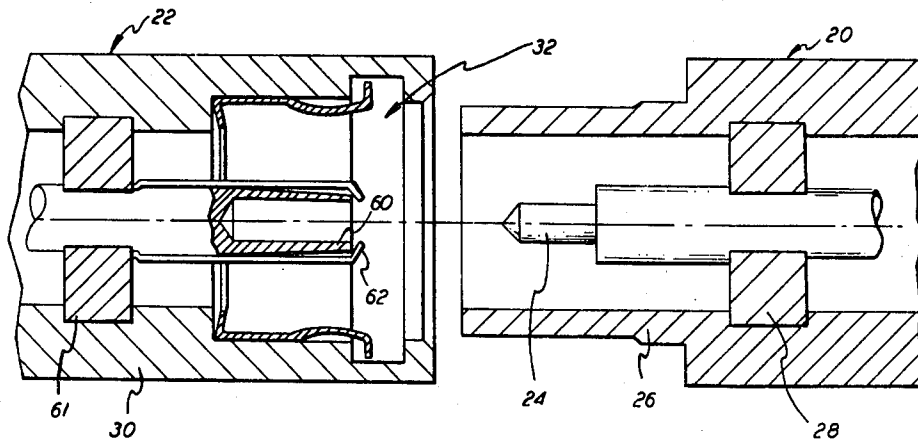
Primary Examiner—Eugene F. Desmond
 Assistant Examiner—David L. Pirlot
 Attorney, Agent, or Firm—Hayes, Davis & Soloway

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[57] ABSTRACT
 A coaxial connector comprising a male half of conventional construction and a female half having an annular electrical contact member which is a spring and which functions to provide continuous annular outer conductor electrical contact and RFI suppression. The annular spring member provides continuous annular outer conductor contact even during slight conductor misalignment or matched pairs not totally seated.

11 Claims, 17 Drawing Figures



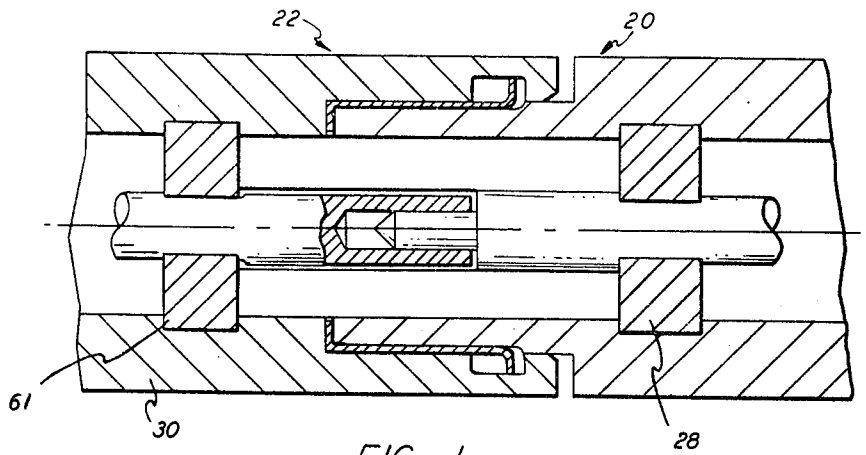


FIG. 1

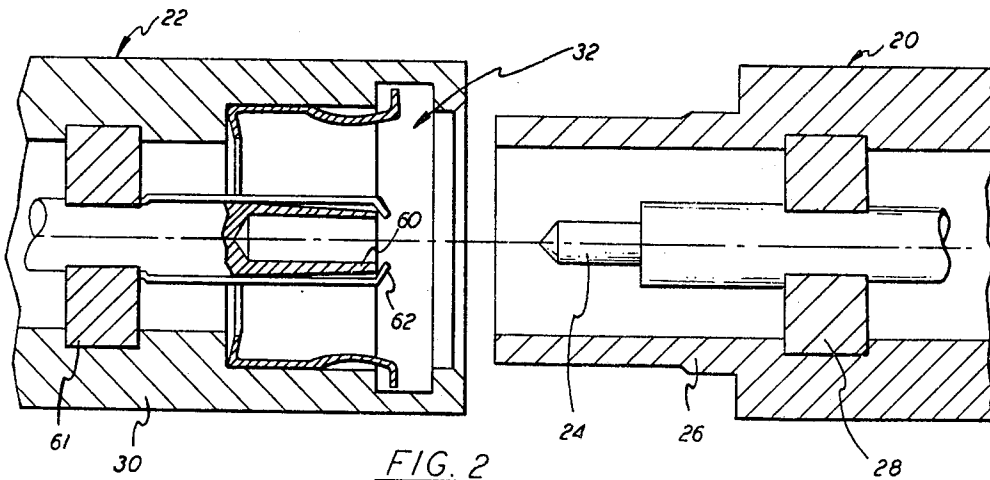


FIG. 2

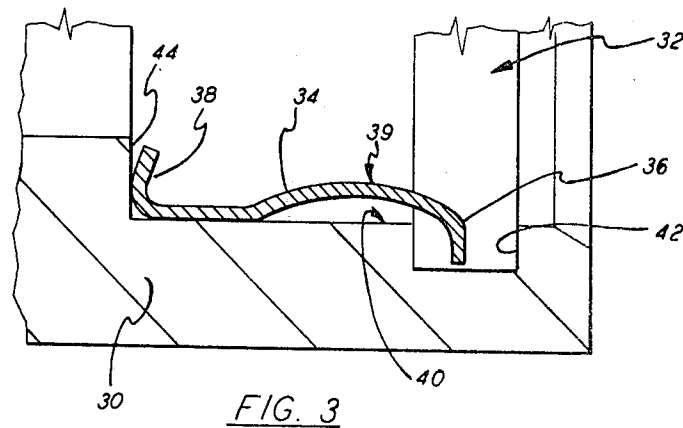
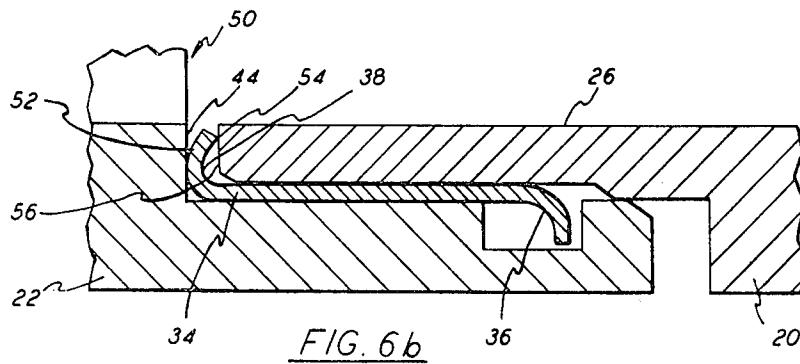
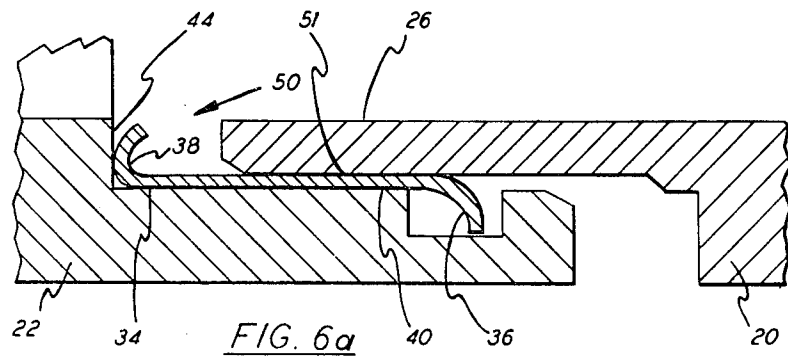
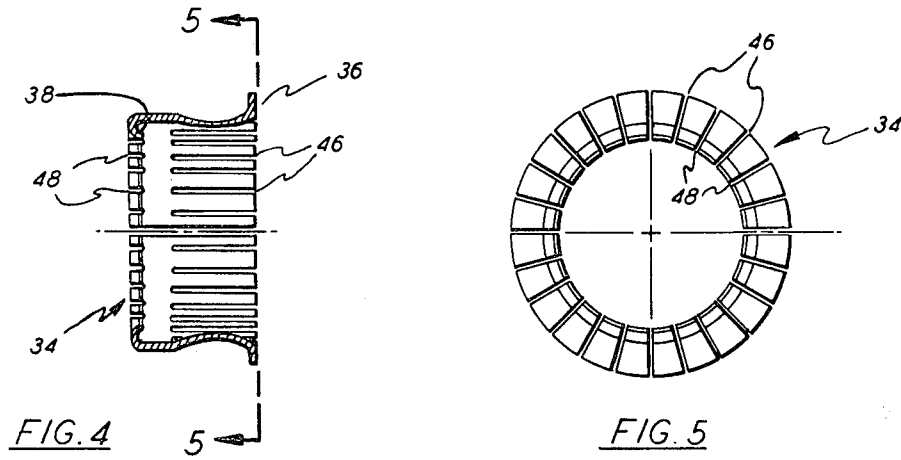


FIG. 3



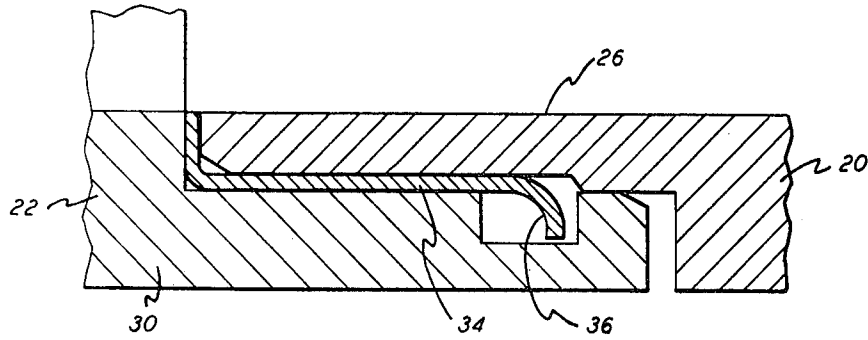


FIG. 6c

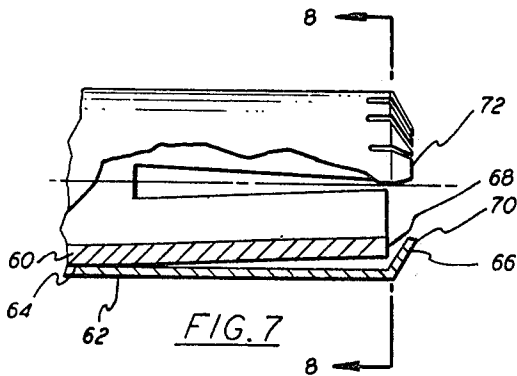


FIG. 7

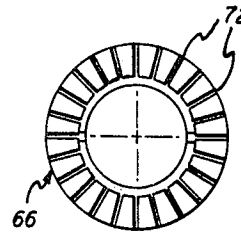


FIG. 8

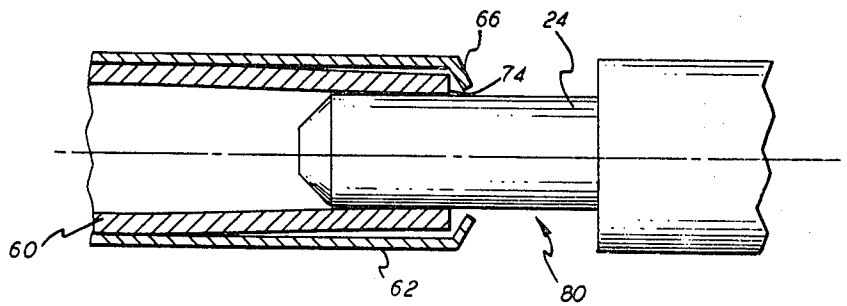


FIG. 9a

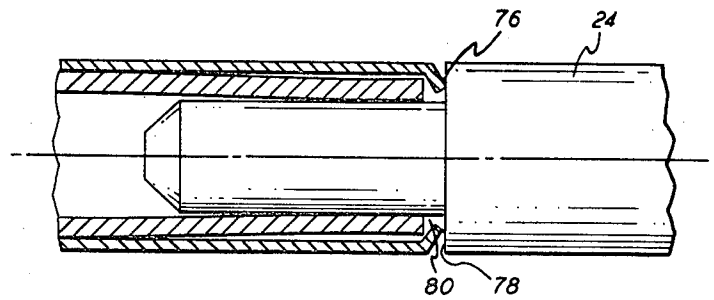


FIG. 9b

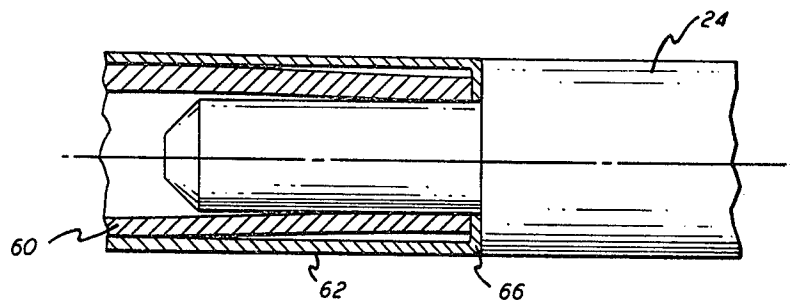


FIG. 9c

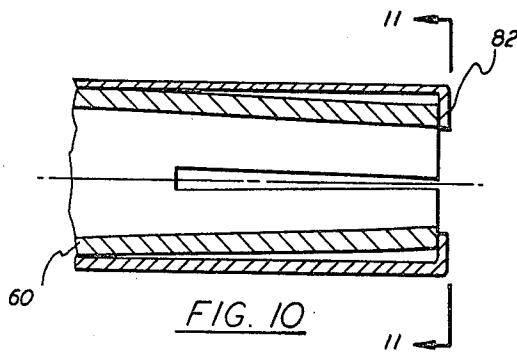


FIG. 10

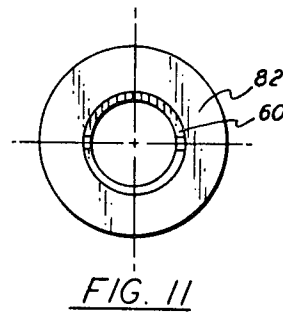


FIG. 11

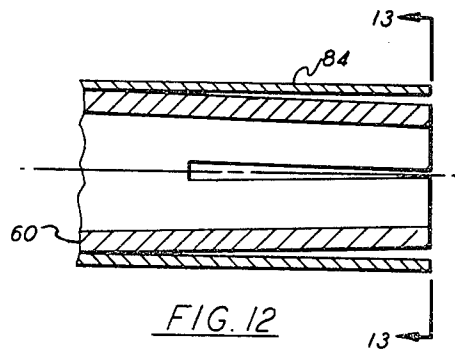


FIG. 12

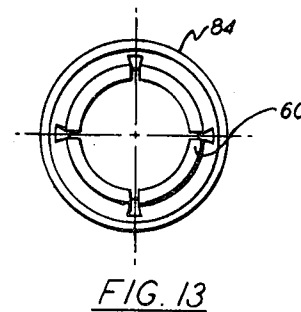


FIG. 13

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