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Electrical contact

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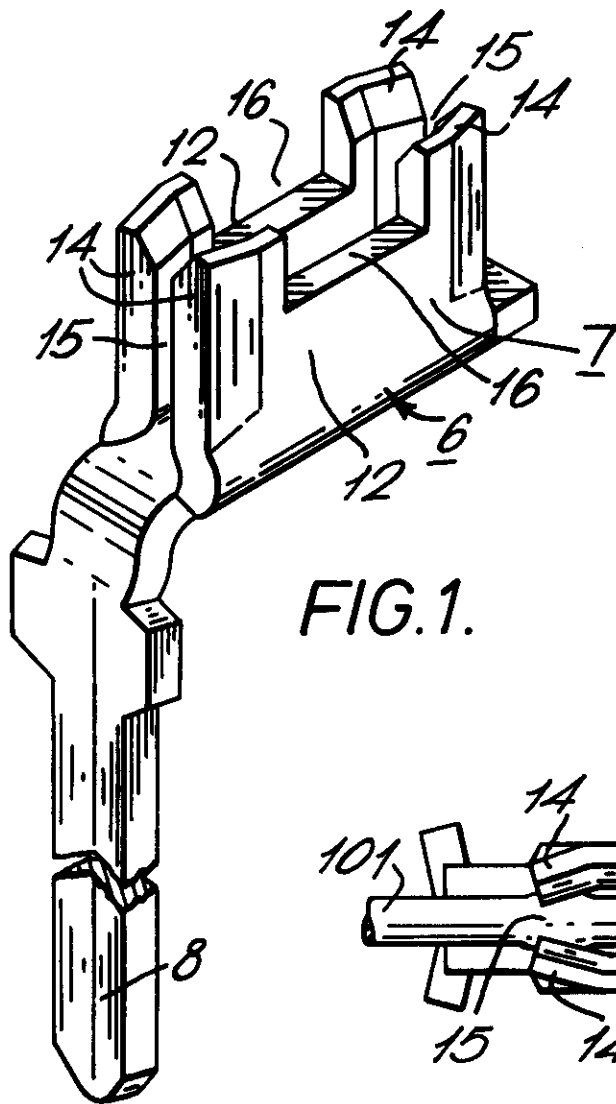


FIG. 1.

FIG. 3.

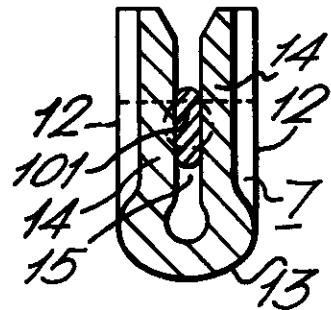
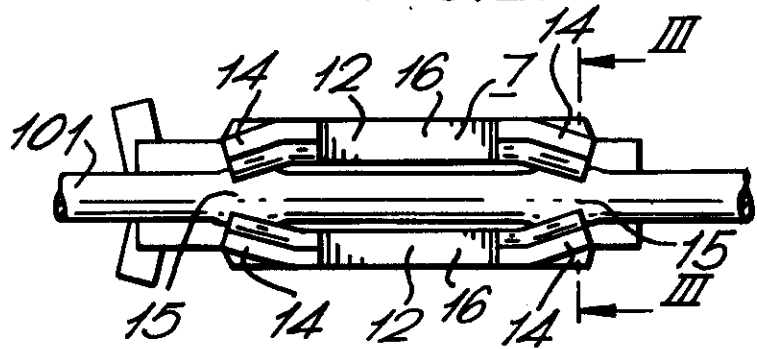


FIG. 2.



SPECIFICATION

Electrical Contact

This invention relates to an electrical contact, and particularly to an electrical contact for use with electrical conductors of relatively small size, for example conductors with a diameter between 0.006 and 0.010 inches, and forming parts of a flat flexible cable with spacing between adjacent conductors of between 0.015 and 0.019 inches.

- 10 According to this invention there is provided an electrical contact having a conductor-connection portion in the form of an elongate channel of U-shaped cross-section having side walls and a bight, free end portions of the side walls at each end thereof being turned inwardly while remaining integral with the bight, to define between the free end portions two spaced conductor-receiving slots into which a conductor can be urged to establish electrical connection
- 20 between the contact and the conductor.

This invention will now be described by way of example with reference to the drawings, in which:—

- 25 Figure 1 is a perspective view of a contact according to the invention;

Figure 2 is a plan view of the contact of Figure 1 with a conductor connected thereto; and

Figure 3 is a section on the line III—III in Figure 2.

- 30 As shown in Figures 1, 2 and 3, the contact 6 is stamped and formed from sheet metal, and has a conductor-connection portion 7 in the form of an elongate channel of U-shaped cross-section

- 35 having side walls 12 and a bight 13. Free end portions 14 of the side walls 12 at each end thereof are turned inwardly while remaining integral with the bight 13 (as best seen in Figure 2) to define between them two spaced conductor-receiving slots 15 into which a conductor 101 can be urged to establish electrical connection
- 40 between the contact 6 and the conductor 101, in known manner. The longitudinal free edge of each side wall 12 includes a notch 16 to receive part of a stuffer tool by which the conductor 101 is urged
- 45 into the slots 15.

A contact leg 8 is formed as an extension of the bight 13 of the conductor-connection portion 7 and is bent to extend at right angles thereto.

Claims

- 50 1. An electrical contact having a conductor-connection portion in the form of an elongate channel of U-shaped cross-section having side walls and a bight, free end portions of the side walls at each end thereof being turned inwardly
- 55 while remaining integral with the bight, to define between the free end portions two spaced conductor-receiving slots into which a conductor can be urged to establish electrical connection between the contact and the conductor.
- 60 2. A contact as claimed in Claim 1, in which the longitudinal free edge of each side wall of each contact includes a notch.
- 65 3. An electrical contact substantially as hereinbefore described with reference to the drawing.



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