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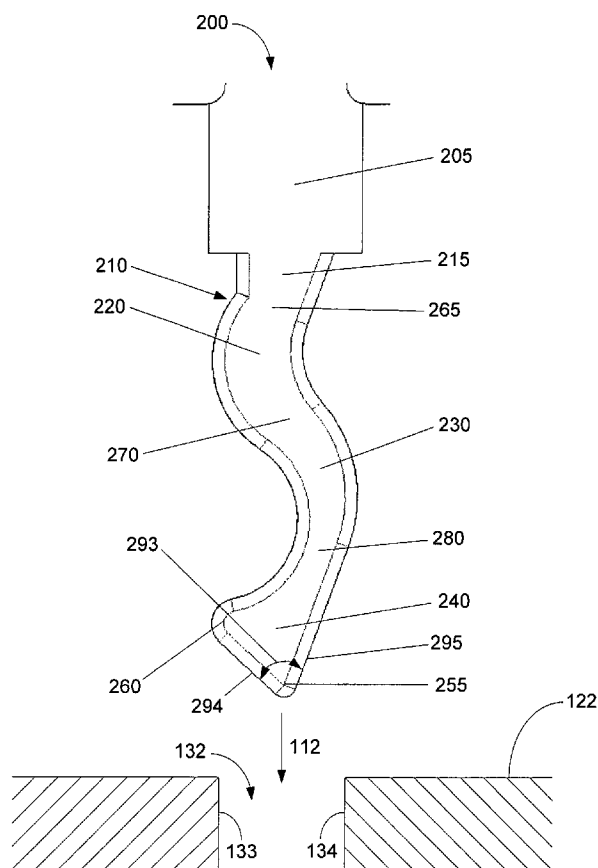
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[Continued on next page]

(54) Title: PRESS-FIT ELECTRICAL CONTACT



(57) Abstract: An electrical contact having a body portion and an curvaceous tail portion extending from the body portion is disclosed. The tail portion may include first and second curved portions defining first and second points of contact, respectively. The first and second points of contact may be offset from one another in a direction of insertion and may be separated by a distance measured perpendicular to the direction of insertion. The distance may be greater than the diameter of a through-hole into which the contact is intended to be inserted. At least a portion of the tail portion may be adapted to rotate upon insertion into the through-hole. The tail portion may exert a force on the sidewalls of the through-hole sufficient to retain the electrical contact in the through-hole. The tail portion may also include a sharp tip.

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USPC - 439/567

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC(8) - H01R 9/00, 13/60 (2008.01)

USPC - 439/82, 567, 572; 361/772-774; 174/267

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Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

USPTO EAST System (US, USPG-PUB, USOCR), MicroPatent, PatBase

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6,150,616 A (KAZAMA) 21 November 2000 (21.11.2000) entire document	8, 12, 13
X	US 6,974,337 B2 (BELOPOLSKY et al) 13 December 2005 (13.12.2005) entire document	1-3, 5-8
Y		4
X	US 3,989,331 A (HANLON) 02 November 1976 (02.11.1976) entire document	8, 9, 11, 12
Y		14
Y	US 5,462,444 A (KORSUNSKY et al) 31 October 1995 (31.10.1995) entire document	4, 14
X	US 3,524,960 A (LOHFF) 18 August 1970 (18.08.1970) entire document	8, 10, 15, 16
Y		19, 20
Y	US 4,076,356 A (TAMBURRO) 28 February 1978 (28.02.1978) entire document	19, 20
A	US 5,529,514 A (GARGIULO) 25 June 1996 (25.06.1996) entire document	1-20
A	US 5,366,380 A (REYMOND) 22 November 1994 (22.11.1994) entire document	1-20

Further documents are listed in the continuation of Box C.

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