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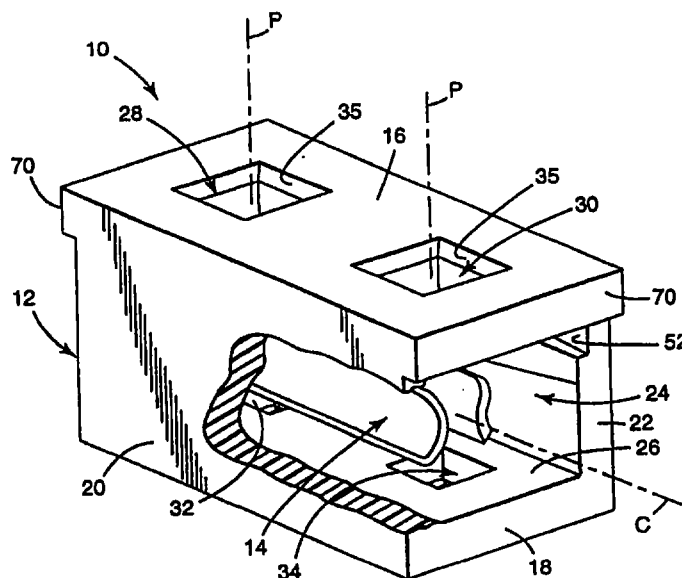
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(21) International Application Number: PCT/US97/11928 (22) International Filing Date: 7 July 1997 (07.07.97) (30) Priority Data: 08/806,307 26 February 1997 (26.02.97) US (71) Applicant: MINNESOTA MINING AND MANUFACTURING COMPANY [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US). (72) Inventors: HOYT, Tim, K.; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). FELDMAN, Steven; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). (74) Agents: McNUTT, Matthew, B. et al.; Minnesota Mining and Manufacturing Company, Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).		(81) Designated States: CN, JP, KR, SG, European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>With international search report.</i> <i>With amended claims.</i>



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(54) Title: LOW PROFILE SHUNT CONNECTOR**(57) Abstract**

An electrical shunt for shorting adjacent electrically conductive pins in an array of electrically conductive pins includes an insulative housing containing an electrically conductive contact. The conductive contact preferably includes two longitudinal wipers for making electrical contact with each pin. The longitudinal wipers are connected by a transverse spring portion which provides a normal force between the contact and inserted pins. The shunt has a pin insertion axis which is transverse to the contact insertion axis to prevent the contact from inadvertently being dislodged from the housing during installation or removal of the shunt. When conductive pins are inserted into the housing, the pins are electrically connected between the first and second wipers of the conductive contact. The shunt preferably includes a frangibly attached application tool and extraction tool.