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(21) International Application Number: PCT/US96/13587 ✓ (22) International Filing Date: 22 August 1996 (22.08.96) ✓ (30) Priority Data: 08/519,216 25 August 1995 (25.08.95) ✓ US (71) Applicant: THE WHITAKER CORPORATION [US/US]; Suite 450, 4550 New Linden Hill Road, Wilmington, DE 19808 (US). ✓ (72) Inventors: FRANTZ, Robert, Houston; 147 Pine Tree Drive, Newville, PA 17241 (US). LARKIN, John, Thomas; 810 Second Street, New Cumberland, PA 17070 (US). COR- RELL, Robert, Stewart; 6960 Huntingdon Street, Harris- burg, PA 17111 (US). (74) Agents: NELSON, Katherine, A. et al.; The Whitaker Corpo- ration, Suite 450, 4550 New Linden Hill Road, Wilmington, DE 19808 (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>
(54) Title: BATTERY CONNECTOR		
(57) Abstract		
A connector (60) for disk-shaped batteries (40) including a housing (62) with a battery receiving cavity (74), opposed endwalls (66) having spring arms (68) that extend outwardly from the cavity (74) for retaining the battery (40) in the housing (62), a surface mountable positive terminal (77), and a surface mountable negative terminal (79). The positive and negative terminals (77, 79) are disposed in respective terminal receiving passageways (72) of the housing with spring arm contact sections (80) opposing each other along the housing sidewalls and with surface mountable connecting sections (84) of both the terminals (77, 79) extending outwardly from respective the housing sidewalls (64) at the bottom thereof. The terminals are electrically engageable with battery electrodes on opposed surfaces of the battery, and the surface mountable connecting sections thereof are spaced apart at least the thickness of the battery, being a sufficient distance from each other to prevent bridging therebetween when the connecting sections are soldered to respective circuit pads on a circuit board.		