

IMPROVED SOCKET APPARATUS

This Sheet Has Been Replaced



Abstract of the Disclosure

A socket for removably mounting an electric part such as an IC package (30) has a cover (14) which when pushed down from a raised at rest position causes a drive shaft (26) fixed to the cover (14) to move down rotating a first lever (36) and actuating a second lever (38). Upon such rotation a latch (48) moves to a receded position which is obliquely above a plurality of contact elements (28) and, at the same time, vertically movable arms (50) rise to a selected vertical position from a cavity (52). The IC package (30) is then received on the vertically movable arms (50). When the downward force on the cover (14) is removed, cover (14) and the drive shaft (26) rise, first lever (36) and second lever (38) start moving in an opposite direction and the vertically movable arms (50) move down carrying the IC package (30), with a result that each terminal lead (32) of the IC package engages and rides on a contact portion (28f) of each contact element (28, 28') corresponding thereto and the latch (48) engages the terminal leads disposed on the contact portions (28f) in such a fashion as to sandwich the leads (32) and apply an additional contact force to the leads (32).

Figure 4