

ABSTRACT

ASSEMBLY COMPRISING A PLUGGING-IN UNIT, A RECEIVING BASE UNIT AND A STEEL RECTANGULAR MOUNTING BRACKET

The invention is a 'L' shape integrated compact outgoing-plug adapted in electrical distribution and control systems or motor control centers. The plug mainly comprises a male plugging-in unit (10) and a female receiving base unit (60), developed to establish all type of connections extending out from a withdrawable unit with their corresponding out-going cables in the cable compartment. It integrates out-going power, control/auxiliary and data connections into a single assembly and passes the connections to out-going cables. As a whole, when both units (10, 60) are plugged-in together, the plug has an innovative 'L' shape which enables to divert the connections from device compartment to the adjoining cable compartment directly without using a set of intermediate conductors.

Date: January 20, 2015
Place: New Delhi

DINESH JOTWANI
PATENT ATTORNEY/ IN/PA 359
JOTWANI ASSOCIATES

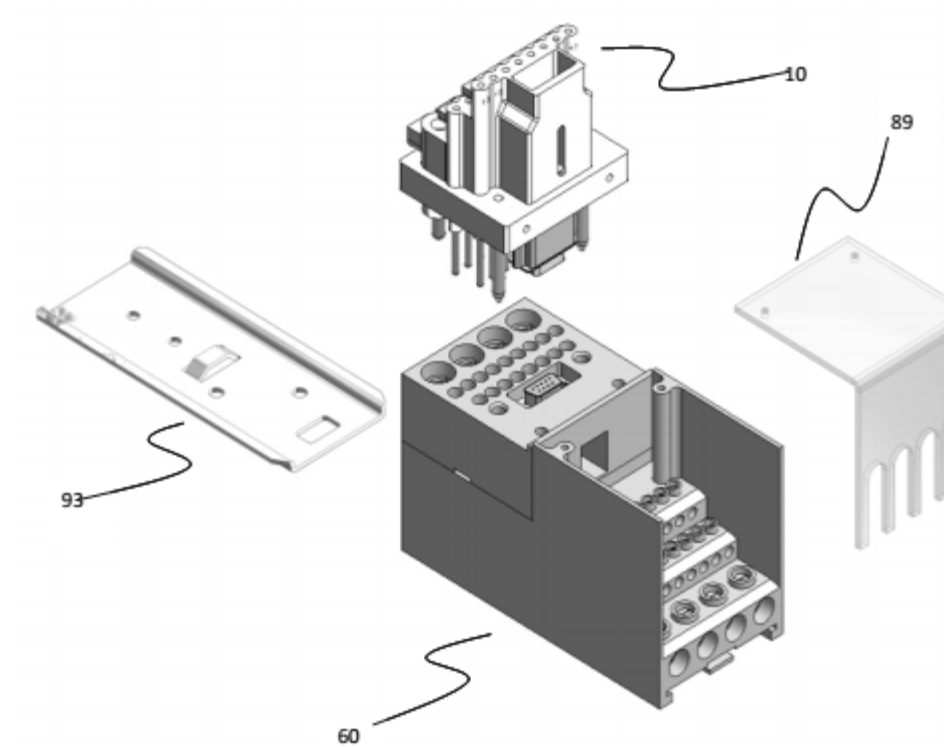


Fig. 1

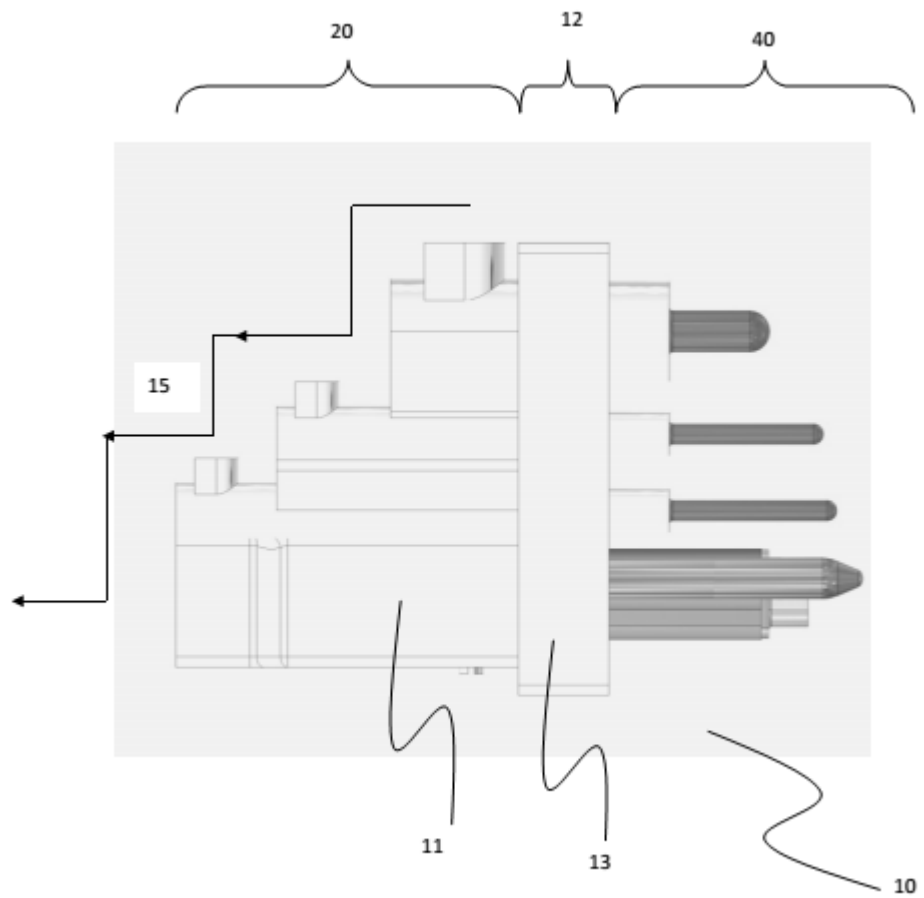


Fig. 2

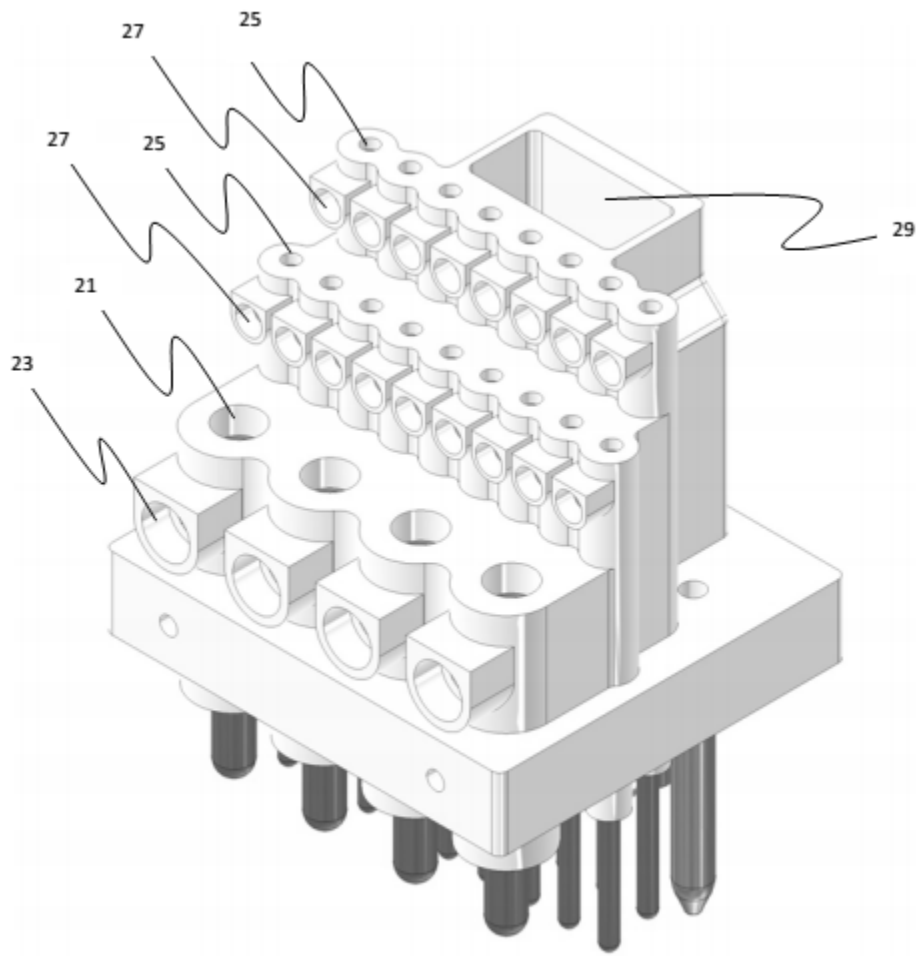


Fig. 3

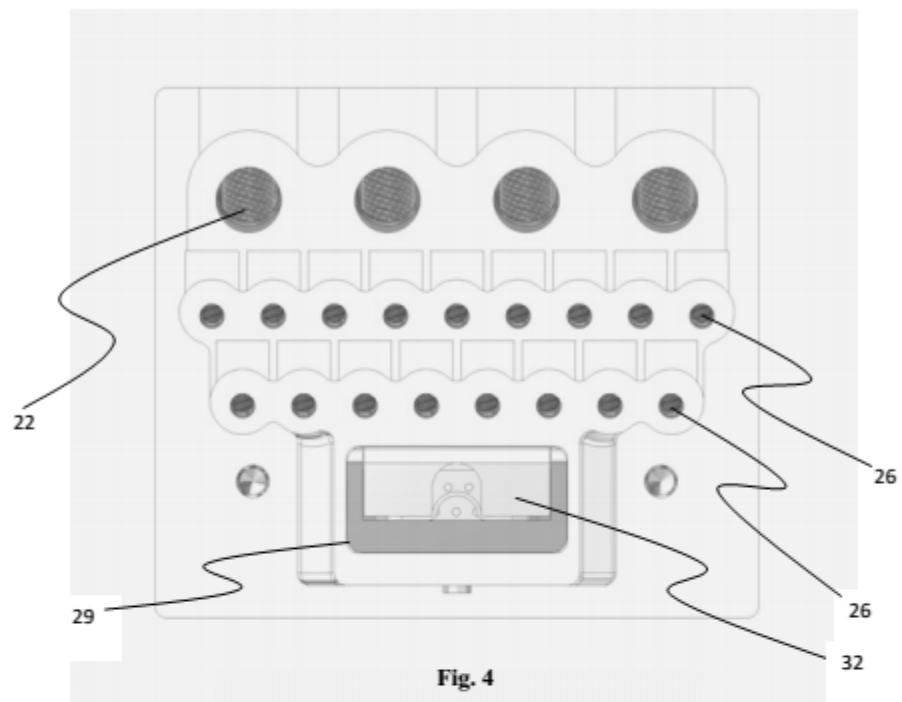


Fig. 4

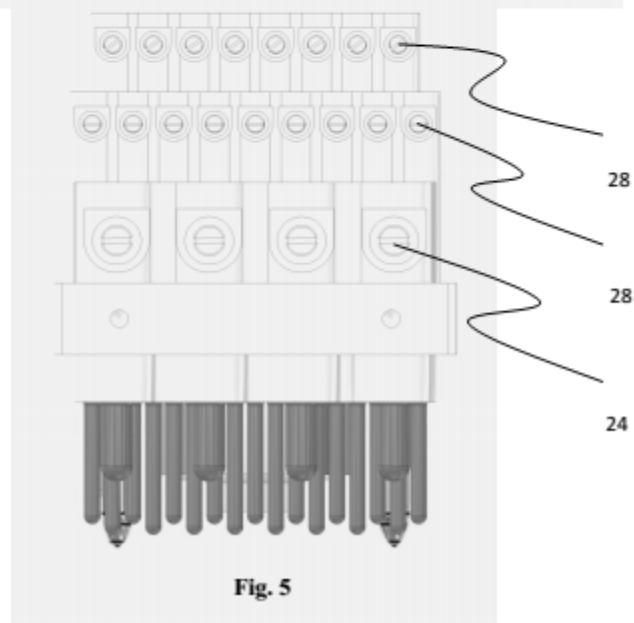
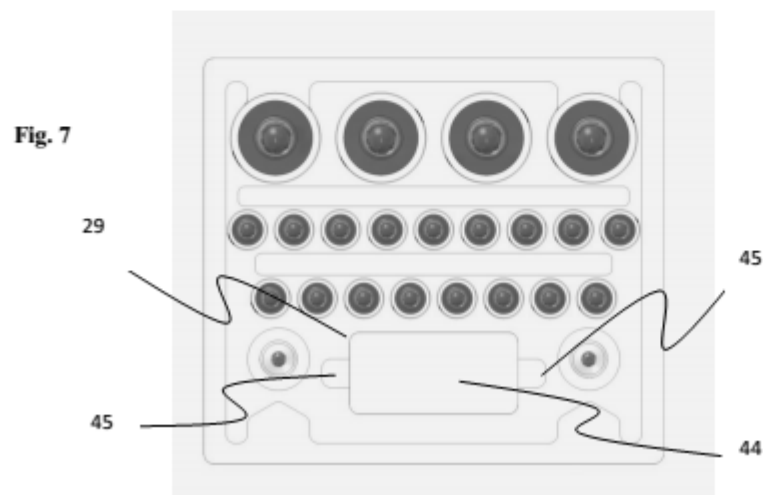
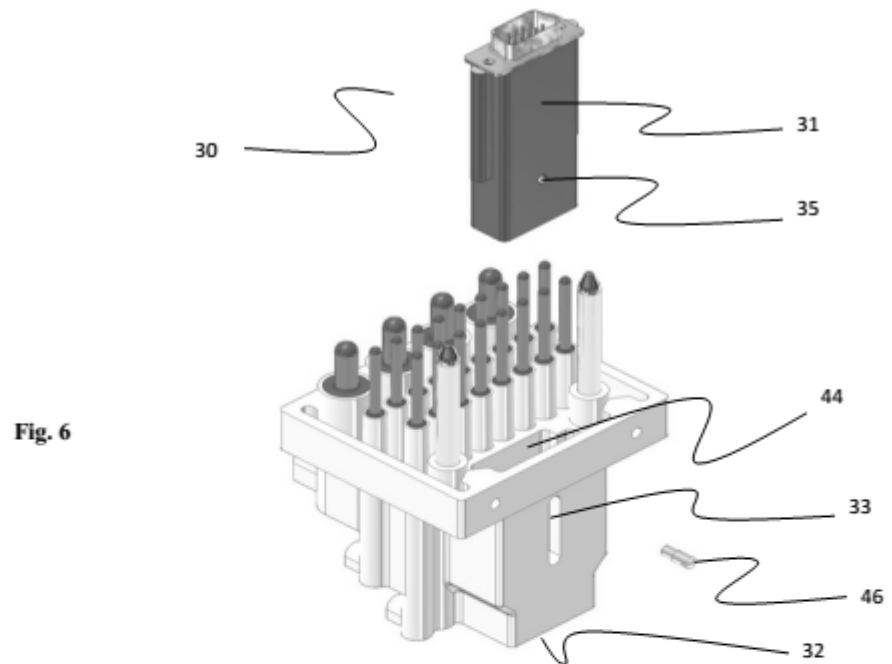
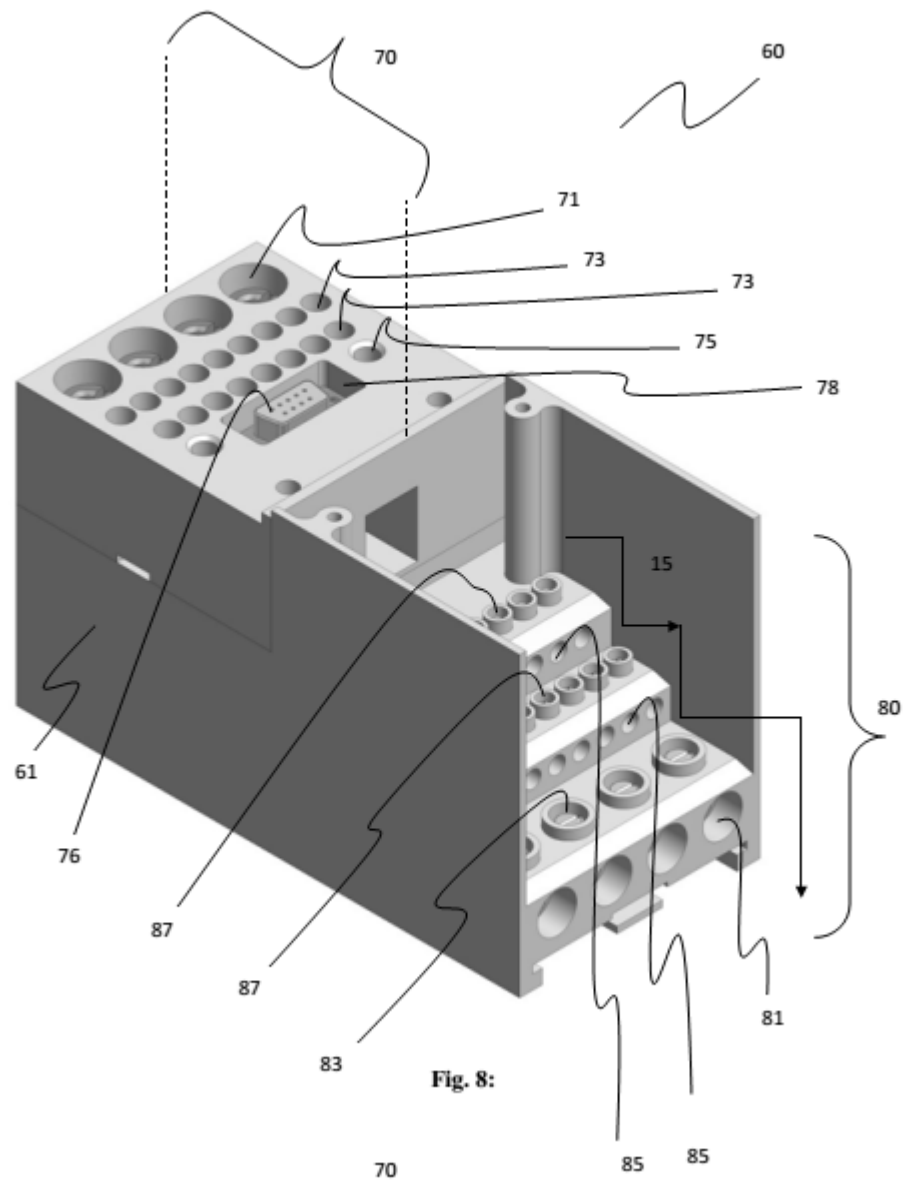
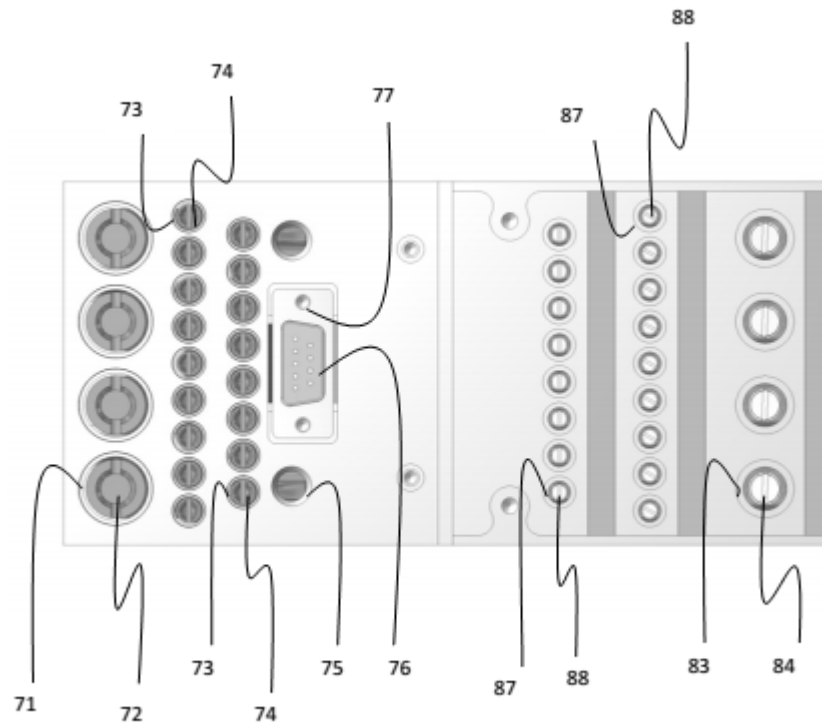


Fig. 5





DINESH JOTWANI
Patent Attorney



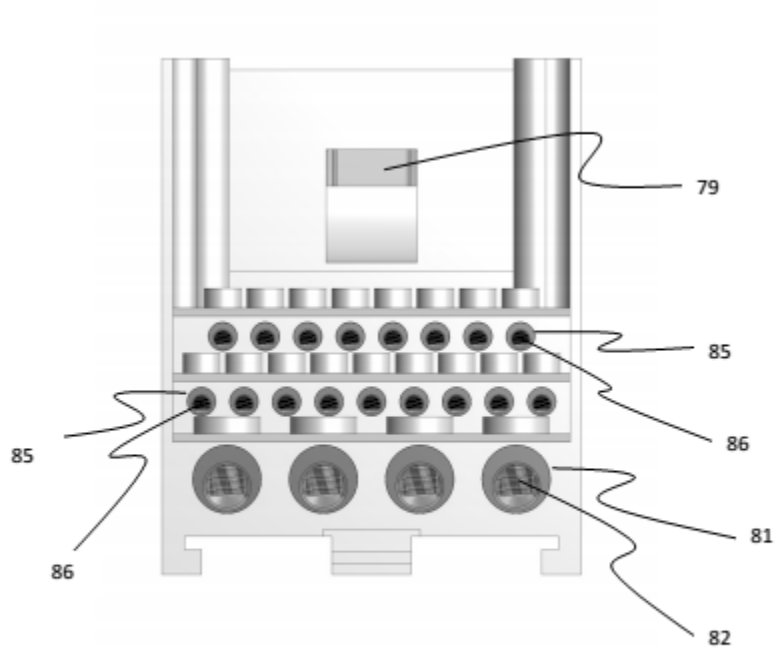
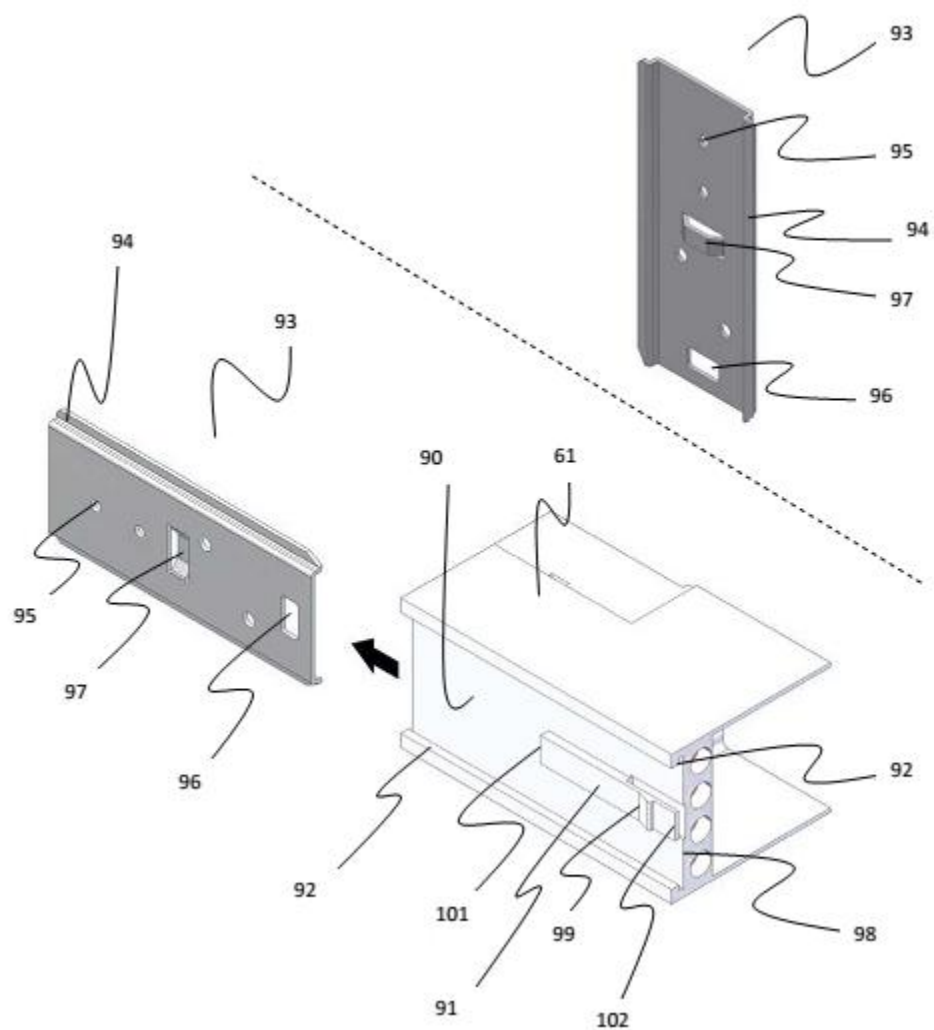


Fig. 10



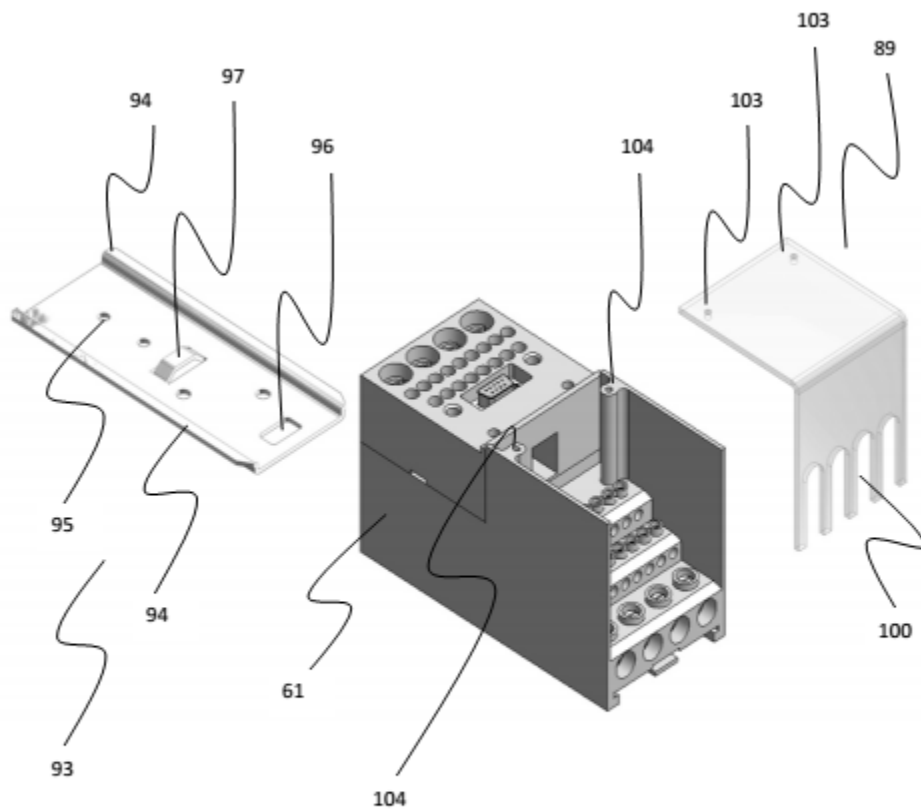


Fig. 12

DINESH JOTWANI
Patent Attorney