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(71)**Name of Applicant :**
1)PIYUSH YADAV
Address of Applicant :Block 4 Flat 6, Sector-1, Pushp Vihar, New Delhi-110017, India Delhi India
2)N. PRIYA
3)Dr. P. NARASIMMAN
4)Dr. MEENA AGRAWAL
5)SAGARIKA KHATUA
6)JASPREET SINGH
7)SANDESH AGARWAL
(72)**Name of Inventor :**
1)PIYUSH YADAV
2)N. PRIYA
3)Dr. P. NARASIMMAN
4)Dr. MEENA AGRAWAL
5)SAGARIKA KHATUA
6)JASPREET SINGH
7)SANDESH AGARWAL

(57) Abstract :
An electrical switch board (100), the board (100) comprising: a main body (102) comprising: continuous vertical slots (106a-106n) extending linearly along a length of the main body (102) configured to accept pins (120a-120q) of a plug (122); diagonal slots (108a-108m) provided at each corner of the main body (102) between adjacent vertical slots configured to accept the pins (120a-120q) of the plug (122); an Integrated Circuit (IC) board (104) comprising conducting tracks (126a-126r) configured to provide an electrical current to the pins (120a-120q) of the plug (122), wherein the conducting tracks (126a-126r) are connected to the IC board (104) such that the conducting tracks (126a-126r) are positioned vertically below the vertical slots (106a-106n) and the diagonal slots (108a-108m); and a fuse (110) connected in series with the IC board (104), wherein the fuse (110) is configured to break an input current supply when a predefined temperature is reached.

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