

IMPROVED ELECTRICAL SOCKET

ABSTRACT

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An improved electrical socket includes a plurality of socket apertures to receive the pins of plugs. The socket apertures can receive pins of plugs of various designs from many countries of the world. There is a plastic cover to prevent access to the internal electrical contacts when the plug is not inserted , and the plastic cover

10 holds the plug in position when it is inserted. The electrical socket comprises a face plate connected to a socket bracket. The socket bracket has a 3-poles connector to receive wiring from the mains supply, and the face plate has corresponding 3-pole pins for mating connection with the 3-pole connector when the face plate is attached to the socket bracket for easy change of the face plate.

15 A circuit breaker on the electrical socket prevents damage to an appliance attached to the socket due to current leakage or shock current, and the user is warned when there is a heat overload.

20 (Figure 1)