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TERMINAL BOARD

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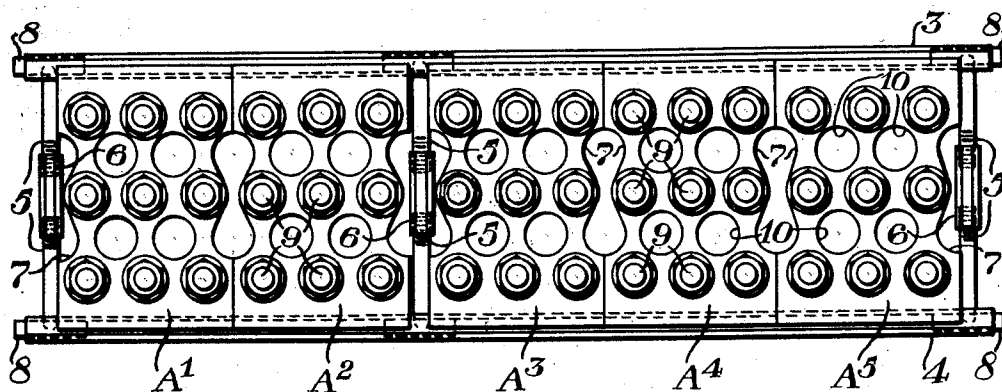


Fig. 1.

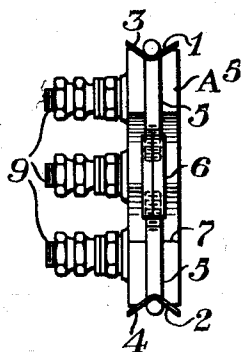


Fig. 2.

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TERMINAL BOARD

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My invention relates to terminal boards.

I will describe one form of terminal board embodying my invention, and will then point out the novel features thereof in claims.

5 In the accompanying drawings, Fig. 1 is a front view showing one form of terminal board embodying my invention. Fig. 2 is a right-hand end view of the terminal board shown in Fig. 1.

10 Similar reference characters refer to similar parts in both views.

Referring to the drawings, the terminal board in the form here shown, comprises five rectangular sections or panels of insulating material designated by the reference characters A¹, A², A³, A⁴ and A⁵, respectively. These sections are identical and are arranged end to end in a row. Located in the upper and lower edges of each section are two grooves 1 and 2, respectively, which, as here shown, are made V-shaped to receive two rigid V-shaped strips of angle irons 3 and 4 which extend throughout the length of the terminal board. Extending through the strips 3 and 4 at the outer ends of the sections A¹ and A⁵ and between the sections A² and A³ are T-bolts 5, which are drawn together by means of turn buckles 6 to securely clamp the sections in place between the strips. To provide room for the turn buckles, each end of each section is formed with a recess 7. The exposed ends 8 of the heads of the bolts 5 may, if desired, be utilized for hinging or fastening the terminal board to any convenient support. A plurality of terminal posts 9, here shown as nine in number, are mounted on each section, each terminal post consisting as usual of a bolt extending through a suitable hole in the section, and a plurality of nuts screwed on the bolt for fastening the wires of electrical circuits to the terminal posts. Each section is provided with a plurality of holes 10 to permit the wires to be brought through the section at a convenient

location for securing the wires to the terminal posts on the front of the section.

It will be obvious from an inspection of the drawings that a terminal board of the type described may be arranged for vertical mounting with its longer axis either in the horizontal plane, as shown, or in the vertical plane, or the terminal board may be mounted horizontally.

It will also be apparent from an inspection of the drawings that while the terminal board illustrated is made up of five sections, any suitable number of sections may be employed to produce a terminal board of the desired size.

Although I have herein shown and described only one form of terminal board embodying my invention, it is understood that various changes and modifications may be made therein within the scope of the appended claims without departing from the spirit and scope of my invention.

Having thus described my invention, what I claim is:

1. A terminal board comprising two sections of insulating material arranged end to end, each section being provided with two grooves located in the upper and lower edges respectively of the section, two rigid strips one fitting in the upper grooves of both sections and one fitting in the lower grooves of both sections, two bolts one engaging each strip, means for drawing said bolts together to clamp said sections between said strips, and terminal posts mounted on each section, said sections each being provided with a plurality of holes to permit wires to be brought through said sections for connection with said terminal posts.

2. A terminal board comprising two sections of insulating material arranged end to end in a row, each section being provided with two V-shaped grooves located in the upper and the lower edges respectively of the section, two channel shaped strips one fit-

ting in the upper grooves of both sections
and one fitting in the lower grooves of both
sections, four T-bolts one extending through
each end of each strip, two turn buckles one
5 screwed on the ends of both bolts at each end
of the strips for drawing the bolts together
to clamp the sections between the strips, and
terminal posts mounted on each section, each
section being recessed at both ends to pro-
10 vide room for the turn buckles and each sec-
tion also being provided with a plurality of
holes to permit wires to be brought through
the section for connection with said terminal
posts.

15 In testimony whereof I affix my signature.
WILLIAM E. SMITH.

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