

W. W. TAFT.  
CLOTH BOLT BOARD.  
APPLICATION FILED SEPT. 30, 1907.

912,630.

Patented Feb. 16, 1909.

FIG. 1.

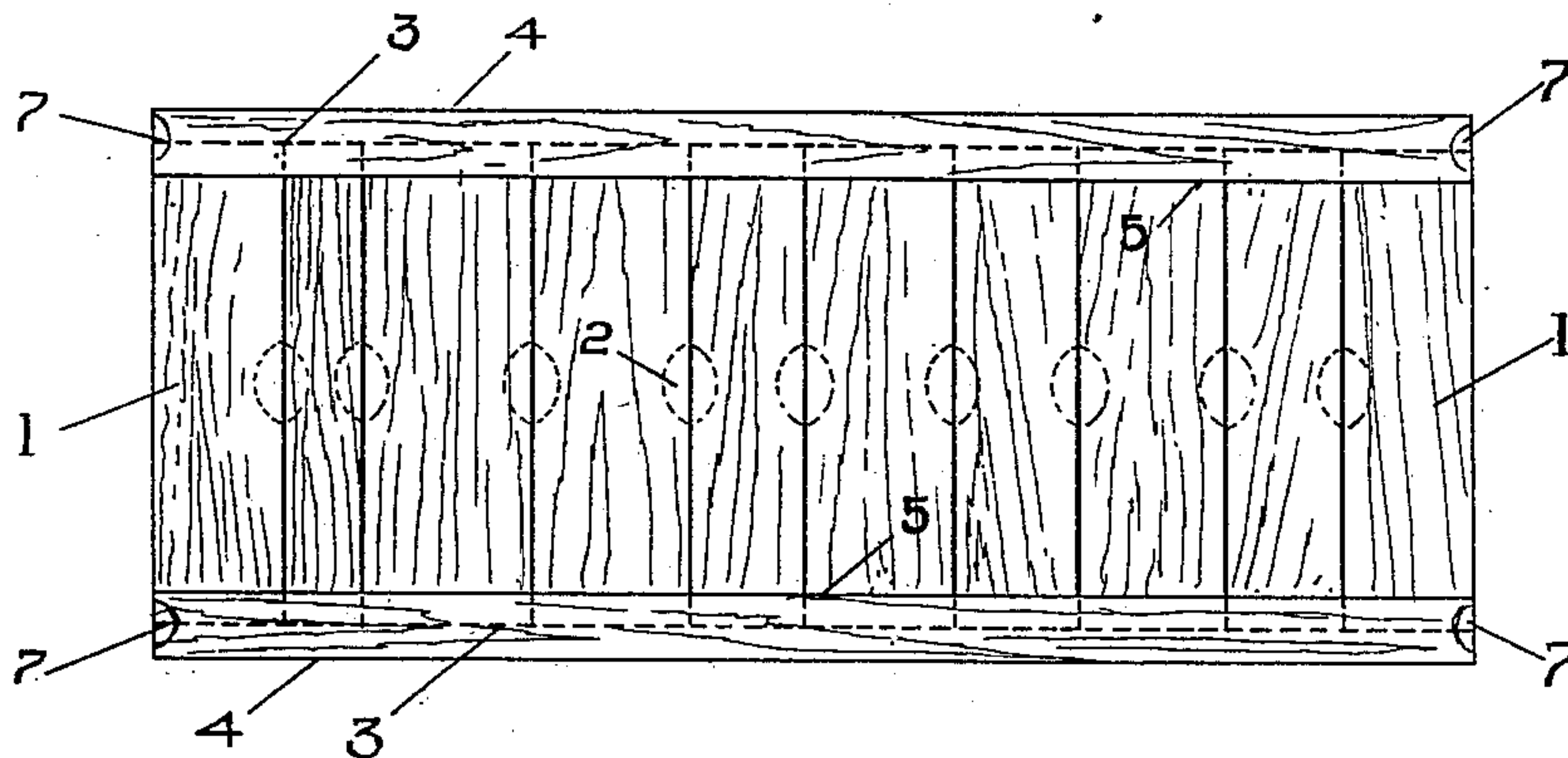


FIG. 2.

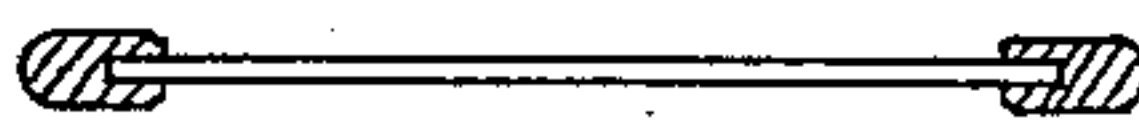


FIG. 3.

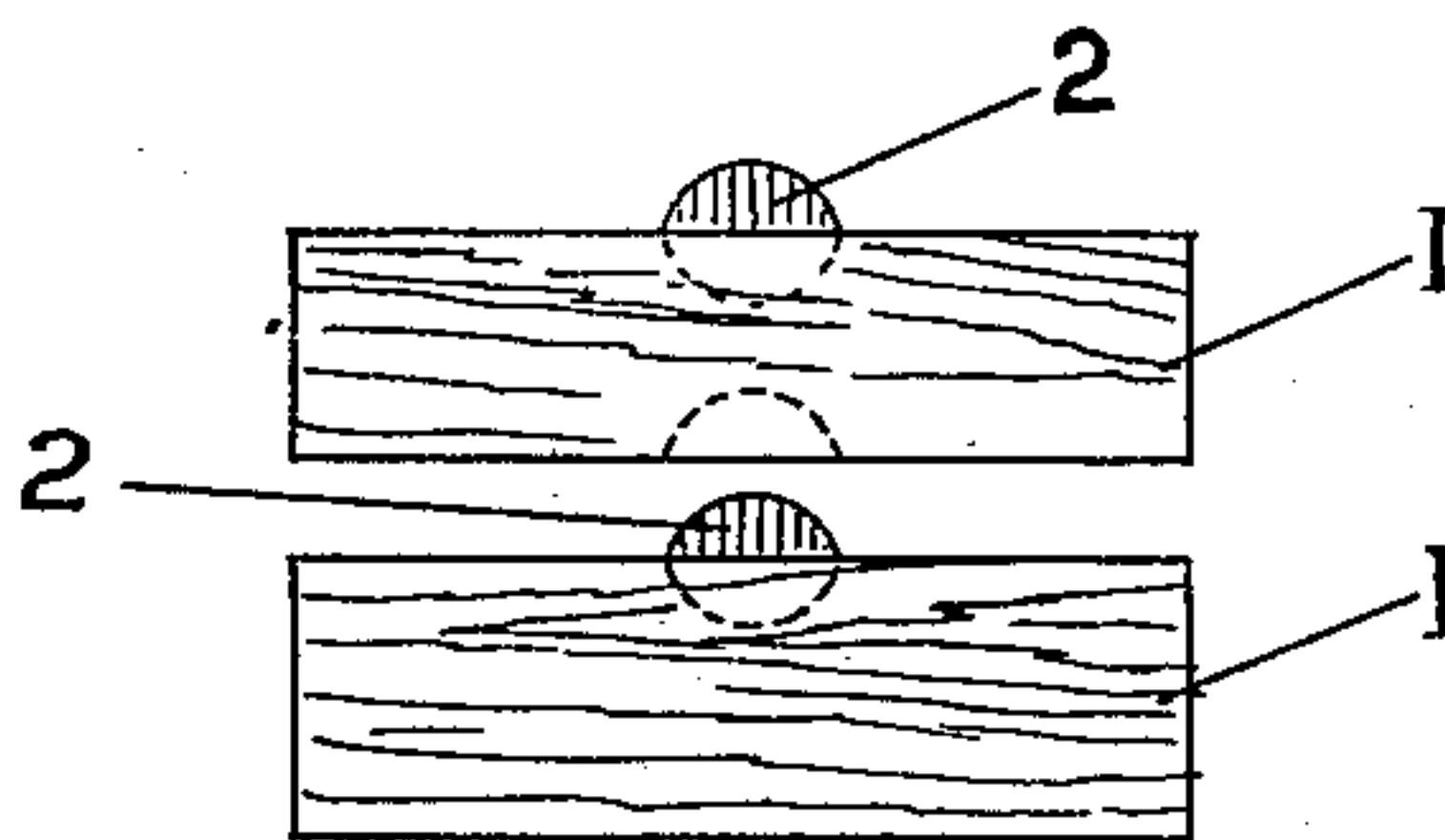
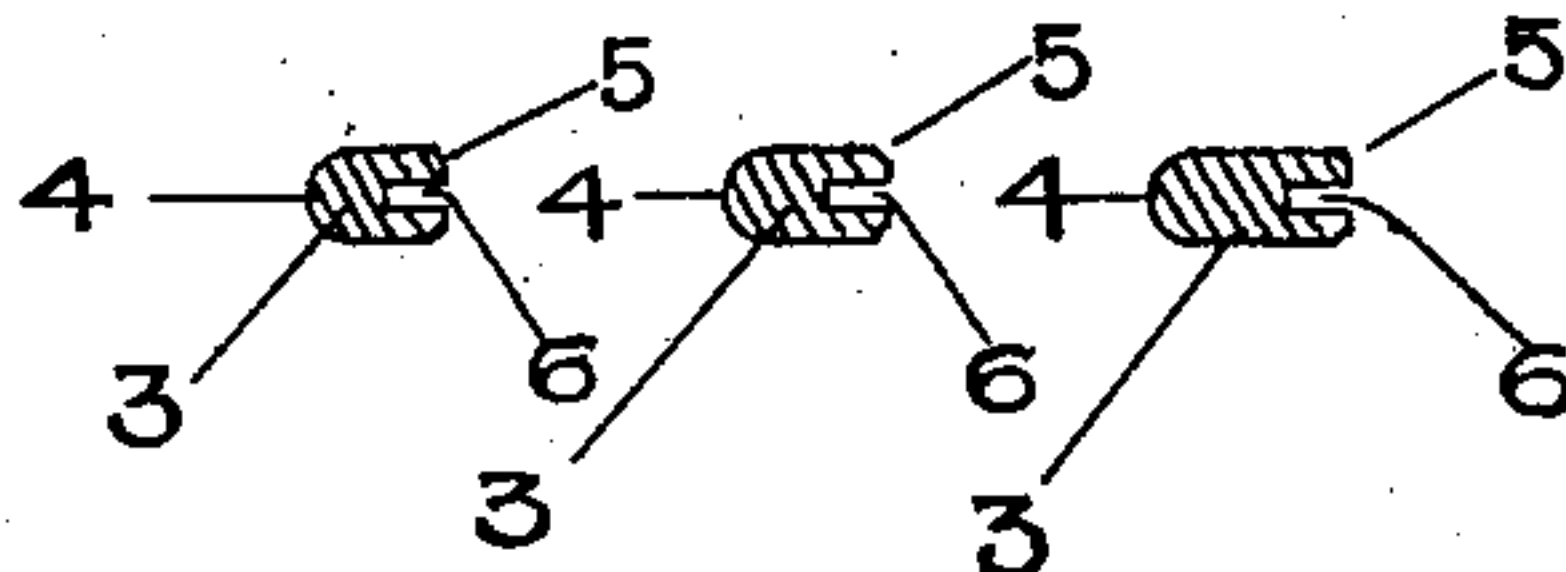


FIG. 4.



WITNESSES

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# UNITED STATES PATENT OFFICE.

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## CLOTH-BOLT BOARD.

No. 912,630.

Specification of Letters Patent.

Patented Feb. 16, 1909.

Application filed September 30, 1907. Serial No. 395,085.

*To all whom it may concern:*

Be it known that I, WILLIAM W. TAFT, a resident of Oxford, in the county of Worcester and State of Massachusetts, have invented certain new and useful Improvements in Cloth-Bolt Boards; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, and to the characters of reference marked thereon, which form a part of this specification.

This invention has relation to cloth bolt boards, and it consists in the novel construction and arrangement of parts as hereinafter shown and described.

The object of the invention is to provide a light and durable board of the nature indicated, the parts of which are so fitted and put together that the board will not warp or twist or present sharp or acuminate edges to the cloth and crease or wrinkle the same.

The board is made preferably of wood, and consists of a series of cross slats placed edge to edge and secured together at their adjacent edges, the grain of the wood extending longitudinally of the slats and transversely of the board as a whole. The means for securing the edges of the slats together are inlaid in the adjacent edges of the said slats. Grooved strips receive the ends of the slats and extend longitudinally of the board proper and have the grain of the material from which they are formed extending in the same direction. The said strips are provided with rounded outer edges and beveled inner edges. The strips may be of any desired breadth but are of greater thickness than the thickness of the slats.

In the accompanying drawing,—Figure 1 is a side elevation of the board. Fig. 2 is a transverse sectional view of the same showing one of the slats in edge elevation. Fig. 3 is a side elevation of separated slats used in the board, and Fig. 4 illustrates transverse sections of different sizes of strips that may be employed in the board.

The board is made up of a series of cross slats 1 which are placed together and meet at their longitudinal edges. The grain of the slats extends longitudinally thereof. The metallic clips or disks 2 are inlaid in the adjacent edges of the slats 1 and have portions which lie in the adjacent slats. The

edge strips 3 are rounded at their outer edges as at 4, and beveled at their inner edges as at 5. The strips 3 are also made of wood and extend longitudinally of the bolt board proper and have the grain of the wood from which they are formed extending in the same direction. The inner edges of the strips 3 are provided with the longitudinally-extending grooves 6 within which the ends of the slats 1 snugly fit. An adhesive, such as glue, may be employed for retaining the strips 3 upon the ends of the slats 1. The strips 3 are provided at their ends with the recesses 7 in which the fingers may be inserted when it is desired to pull the board from the bolt. The strips 3 are of greater breadth or thickness than the slats 1. It is obvious that with a board so constructed that when the cloth (not shown) is wound upon the same the said cloth will not be creased or wrinkled inasmuch as the strips 3 are of greater thickness than the slats 1 and are provided with rounded outer edges. As the slats 1 are relatively thin the cloth may lie in close proximity to the same and the bolt will not occupy undue space. Furthermore, the slats 1 are confined at their edges and ends and cannot twist or warp, and the strips are retained against warping by the said slats. When glue is employed to secure the strips to the slats, the inclined edges 5 of the strips will hold the material away from such particles of glue that might ooze from the grooves 6 upon the adjacent ends of the slats.

What is claimed is:—

1. A cloth bolt board comprising cross slats having their edges abutting, edge strips of greater thickness than the cross slats provided with longitudinally extended grooves in the inner edges adapted to receive the ends of the cross slats, the outer edges of the edge strips being rounded and the inner edges beveled, the ends of said edge strips being provided with finger recesses, for the purposes described.

2. A cloth bolt board comprising cross slats, edge strips receiving the ends of the cross slats and suitably secured in internal grooves therein, the edges of said cross slats abutting and disks secured in the abutting edges thereof as additional means for securing the cross slats together.

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Witnesses:

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