

No. 725,042.

PATENTED APR. 14, 1903.

E. A. CLARK.
WINDOW BLIND.

APPLICATION FILED AUG. 23, 1902.

NO MODEL.

Fig. 1.

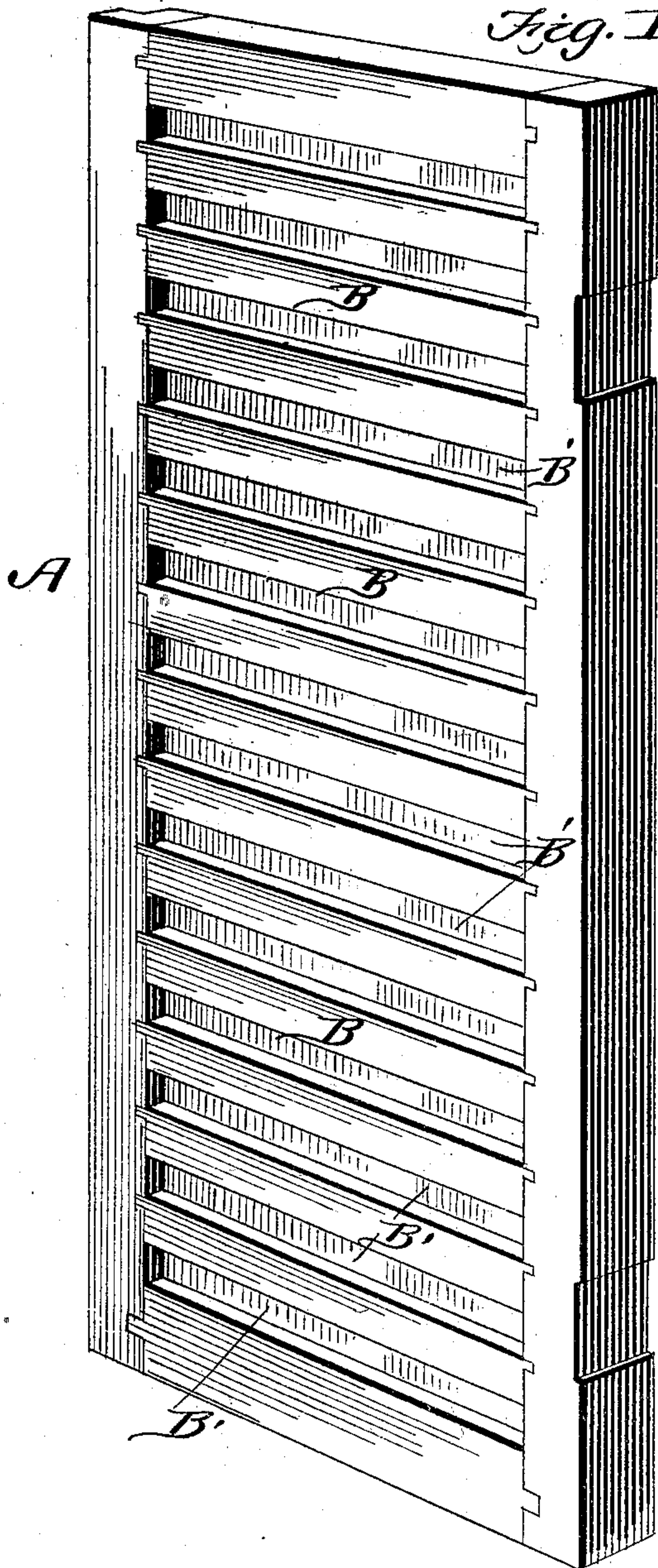


Fig. 2.

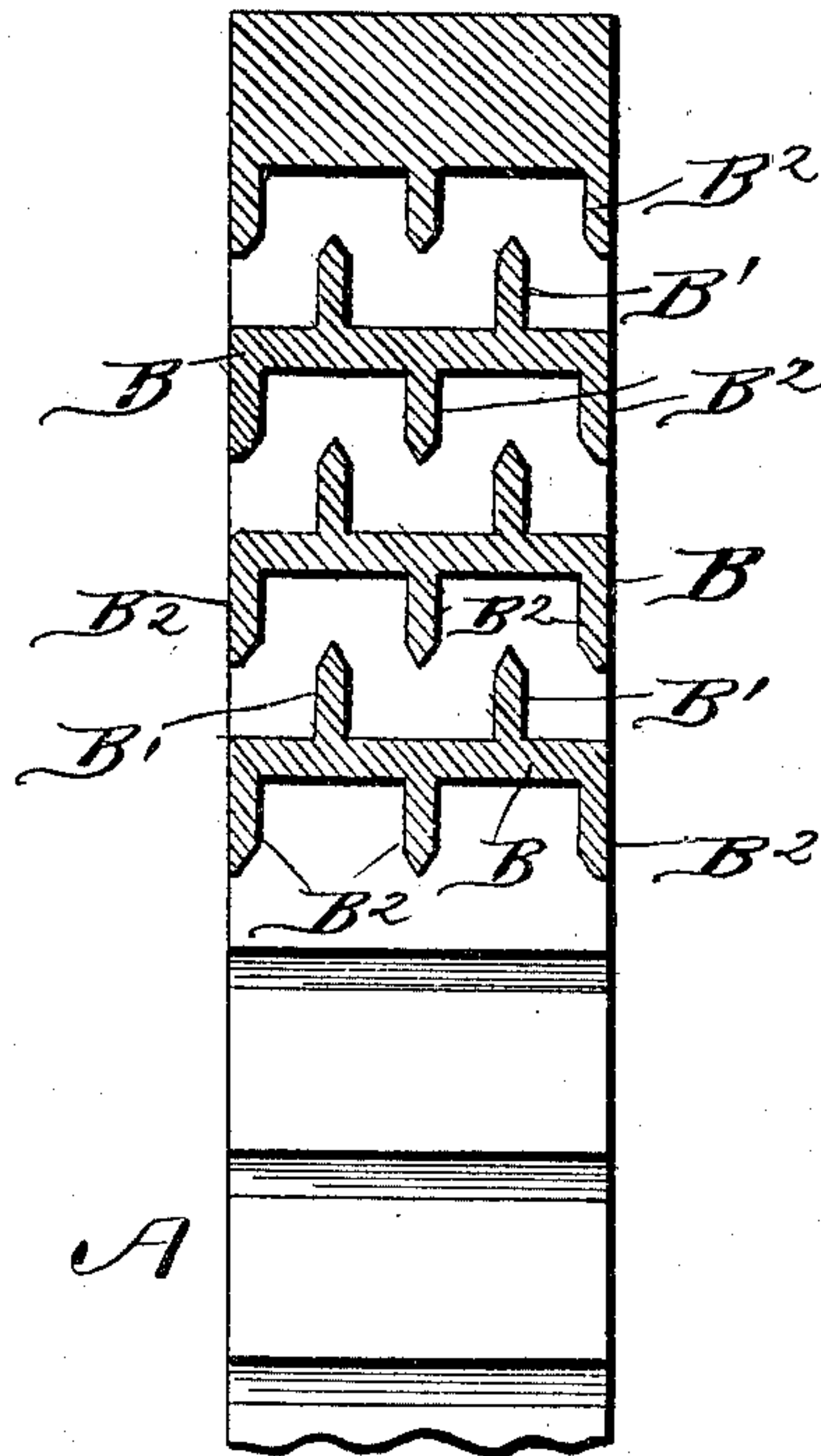
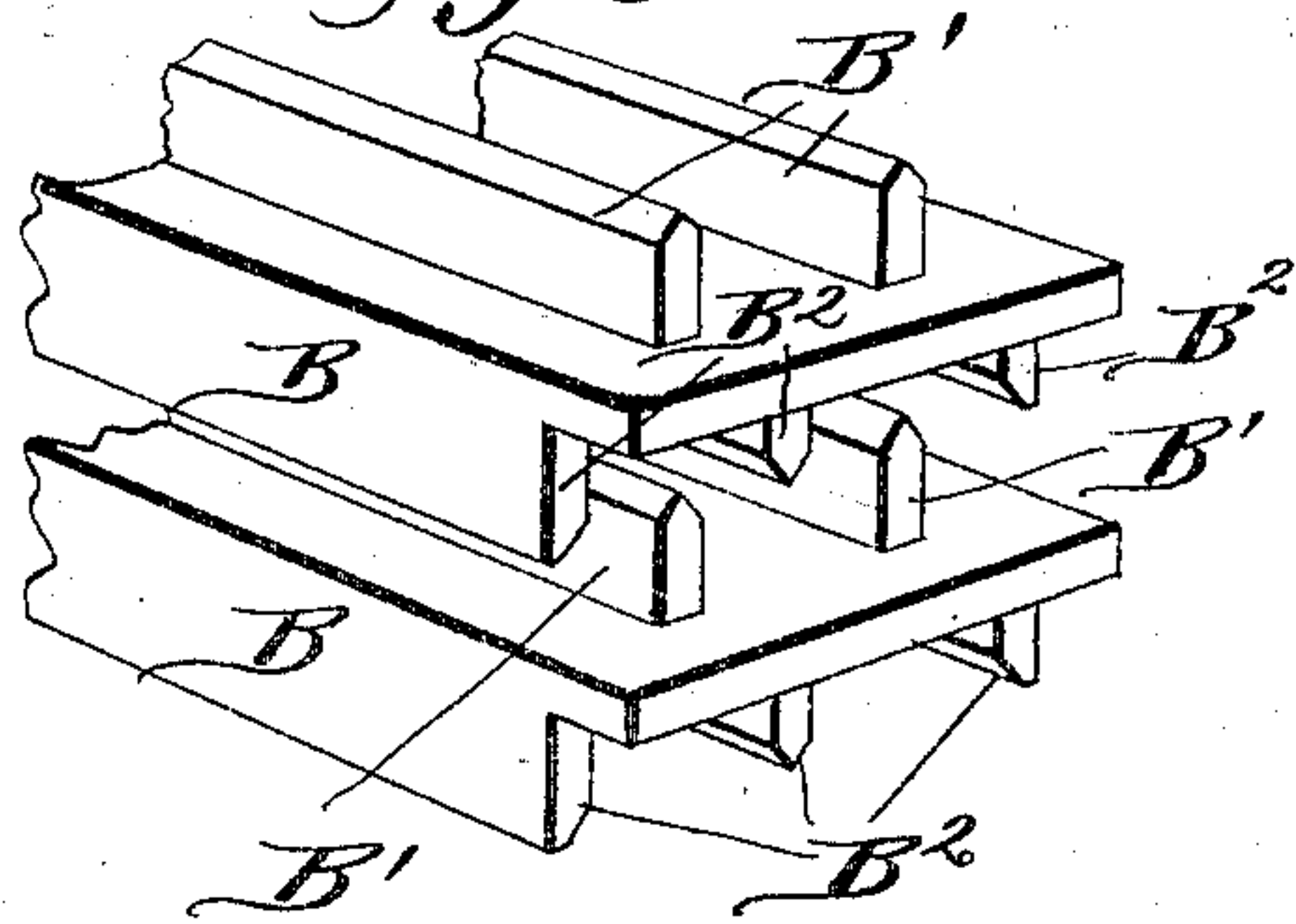


Fig. 3.



Inventor

E. A. Clark.

By *Mundt Brock*
Attorneys

Witnesses

M. D. Blondel
Clarence Shaw

UNITED STATES PATENT OFFICE.

ELLSWORTH A. CLARK, OF BOULDER, COLORADO, ASSIGNOR OF ONE-HALF
TO T. L. KELLER, OF BOULDER, COLORADO.

WINDOW-BLIND.

SPECIFICATION forming part of Letters Patent No. 725,042, dated April 14, 1903.

Application filed August 23, 1902. Serial No. 120,819. (No model.)

To all whom it may concern:

Be it known that I, ELLSWORTH A. CLARK, a citizen of the United States, residing at Boulder, in the county of Boulder and State of Colorado, have invented a new and useful Window-Blind, of which the following is a specification.

This invention is an improved construction of window-blind, the object being to provide a blind which will exclude light, dust, insects, &c., but permit a free circulation of air there-through; and it is obvious that the principles of my invention can be applied to doors, window-blinds, sills, and, furthermore, can be employed in connection with panels, and, in fact, can be arranged in window-frames and entirely avoid the use of blinds or shutters.

The invention consists, essentially, in arranging a series of horizontal slats within a suitable frame, each slat having a plurality of ribs or strips arranged upon the opposite sides thereof, said ribs or strips being arranged to alternate with each other, thereby excluding light, but providing a circuitous passage for the air to pass through.

The invention consists also in certain details of construction hereinafter fully described, and pointed out in the claims.

In the drawings forming part of this specification, Figure 1 is a perspective view of a blind constructed in accordance with my invention. Fig. 2 is a sectional view of the same. Fig. 3 is a view showing the relative arrangement of the slats.

In carrying out my invention I employ a frame A, which may be the frame of a window-blind, window-sash, door-frame, or any other article, and within the said frame A, I arrange the slats B in parallel and horizontal order. Each slat B has ribs or strips B' upon the upper face thereof and ribs or strips B² upon the lower face thereof, and in practice I prefer to arrange two ribs or strips upon the upper face and three ribs or strips upon the

lower face, and it will be noted that these ribs or strips alternate with each other, so that the lower strips or ribs of one slat extend down below the upper ribs or strips of the next lower slat. This arrangement prevents the passage of light, but permits the passage of air, thereby rendering the blind particularly adapted for ventilating purposes. The upper and lower pieces of the frame are also provided with ribs or strips in order to complete the arrangements, as most clearly shown in Fig. 2.

It will thus be seen that I provide an exceedingly cheap and simple construction of blind capable of use in a number of different places and one which will entirely exclude light and partially exclude dust and insects, but which will not interfere in the least with the free circulation of air.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A window-blind comprising a frame and a series of slats, each slat having a plurality of ribs or strips upon both faces thereof, as specified.

2. A window-blind comprising a frame and a series of flat horizontal slats, each slat having a plurality of ribs or strips upon both faces thereof, said strips or ribs being arranged alternately as specified.

3. A window-blind comprising a frame and a series of flat horizontal slats, each slat having a plurality of ribs or strips upon both faces thereof, said ribs or strips being arranged to alternate, the edges of one series of ribs or strips being adapted to extend beyond the edges of the ribs or strips of the next adjacent slat, as specified.

ELLSWORTH A. CLARK.

Witnesses:

P. E. TEMPLE,
W. A. KELLER.