

No. 687,059.

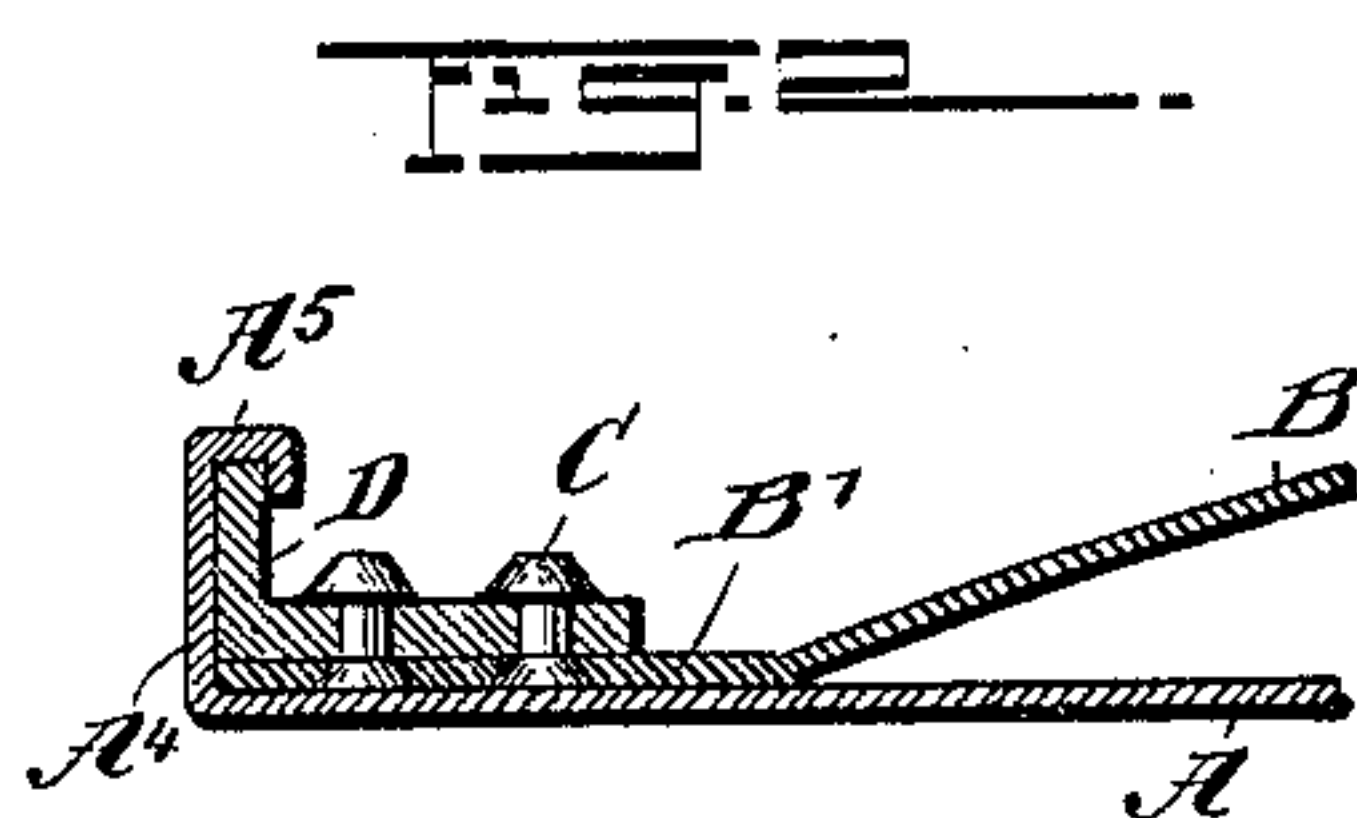
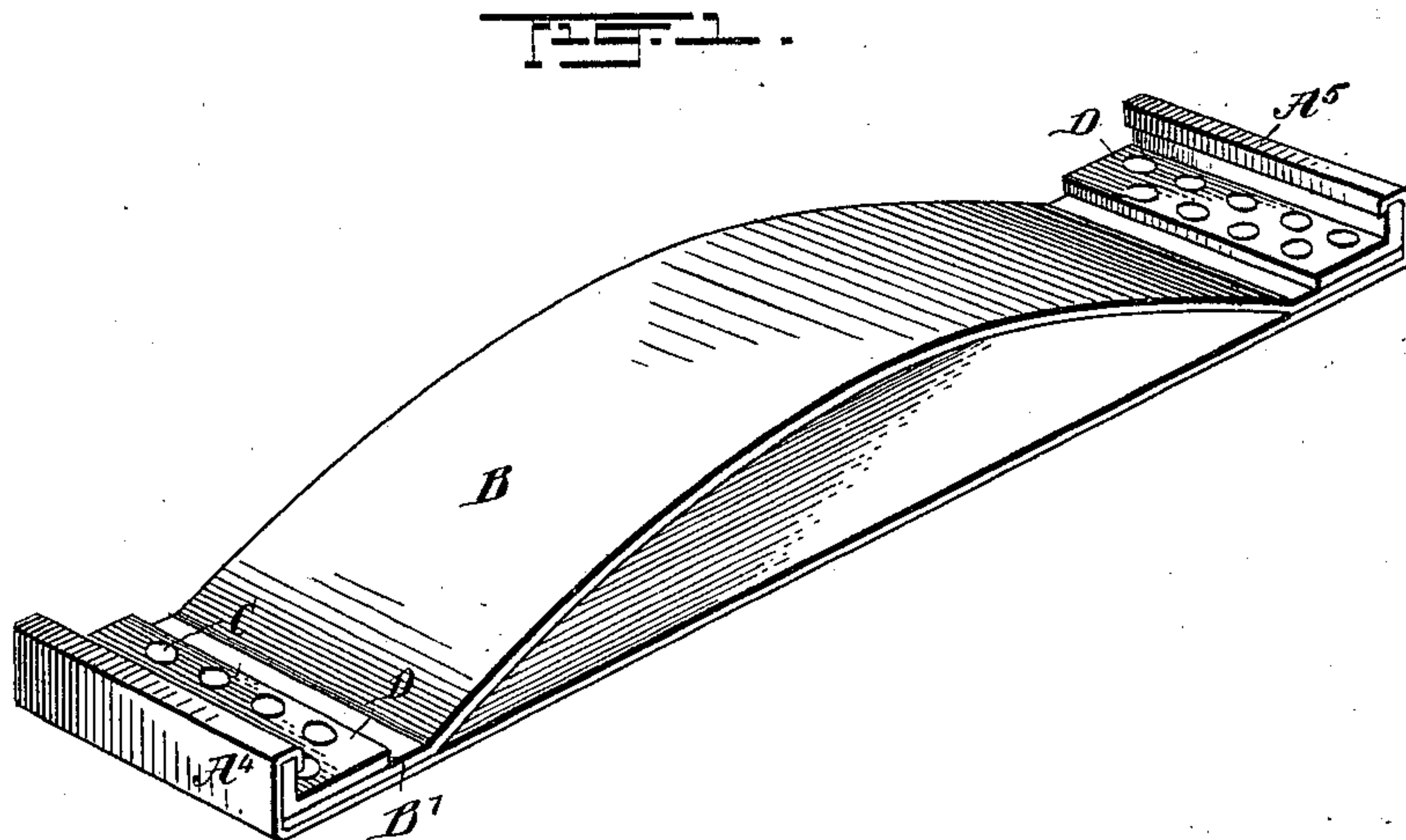
Patented Nov. 19, 1901.

W. F. PELTON.

LINTEL.

(Application filed Apr. 29, 1901.)

(No Model.)



WITNESSES:

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WILLIAM FANCHER PELTON, OF NEW YORK, N. Y., ASSIGNOR OF ONE-FOURTH TO HENRY C. MOORE, OF BOROUGH OF BROOKLYN, NEW YORK, N. Y.

LINTEL.

SPECIFICATION forming part of Letters Patent No. 687,059, dated November 19, 1901.

Application filed April 29, 1901. Serial No. 58,000. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM FANCHER PELTON, a citizen of the United States, residing in the city of New York, borough of Brooklyn, in the county of Kings and State of New York, have invented a new and Improved Lintel, of which the following is a full, clear, and exact description.

My invention relates to the construction of buildings, and has for its object to provide a lintel of considerable strength, great lightness and simplicity, and low cost.

The invention will be fully described hereinafter and the features of novelty pointed out in the appended claim.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in both views.

Figure 1 is a perspective view of my improved lintel, and Fig. 2 is a partial longitudinal section of the lintel shown in Fig. 1.

The lintel comprises two members—a straight bottom member A, which is a tension member, and a curved top member B, which is a compression member. The ends B' of the top member are in alinement with each other—that is, they extend in the same plane—and are adapted to lie flat upon the end portions of the lower member A. It will be understood that any strain due to the weight of the material resting on the upper member B

will be transferred to and taken up by the lower member A, this being facilitated by the provision of plane or alining portions B' on the upper member B, which afford a considerable contact-surface between the two members of the lintel, and thus materially aid in transferring the strain from the top member to the bottom member. To strengthen the connection between the members, the upper member is reinforced by an angle-iron D, riveted to the plane portions B' at the outer edges thereof, while the lower member A has upward flanges A⁴, with their edges A⁵ bent over the upper ends of the angle-irons D.

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

A lintel comprising an upper member with a curved body and plane end portions, an angle-iron projecting upwardly from each of said end portions, and a substantially plane lower member engaging said plane portions and having its ends bent upward and over the upper edges of said angle-irons.

In witness whereof I have signed my name to this specification in the presence of two subscribing witnesses.

WILLIAM FANCHER PELTON.

Witnesses:

CHARLES A. HAWKINS,
HENRY C. MOORE.