

(No Model.)

F. D. PARADISE.
ANCHOR FOR BUILDINGS.

No. 318,648.

Patented May 26, 1885.

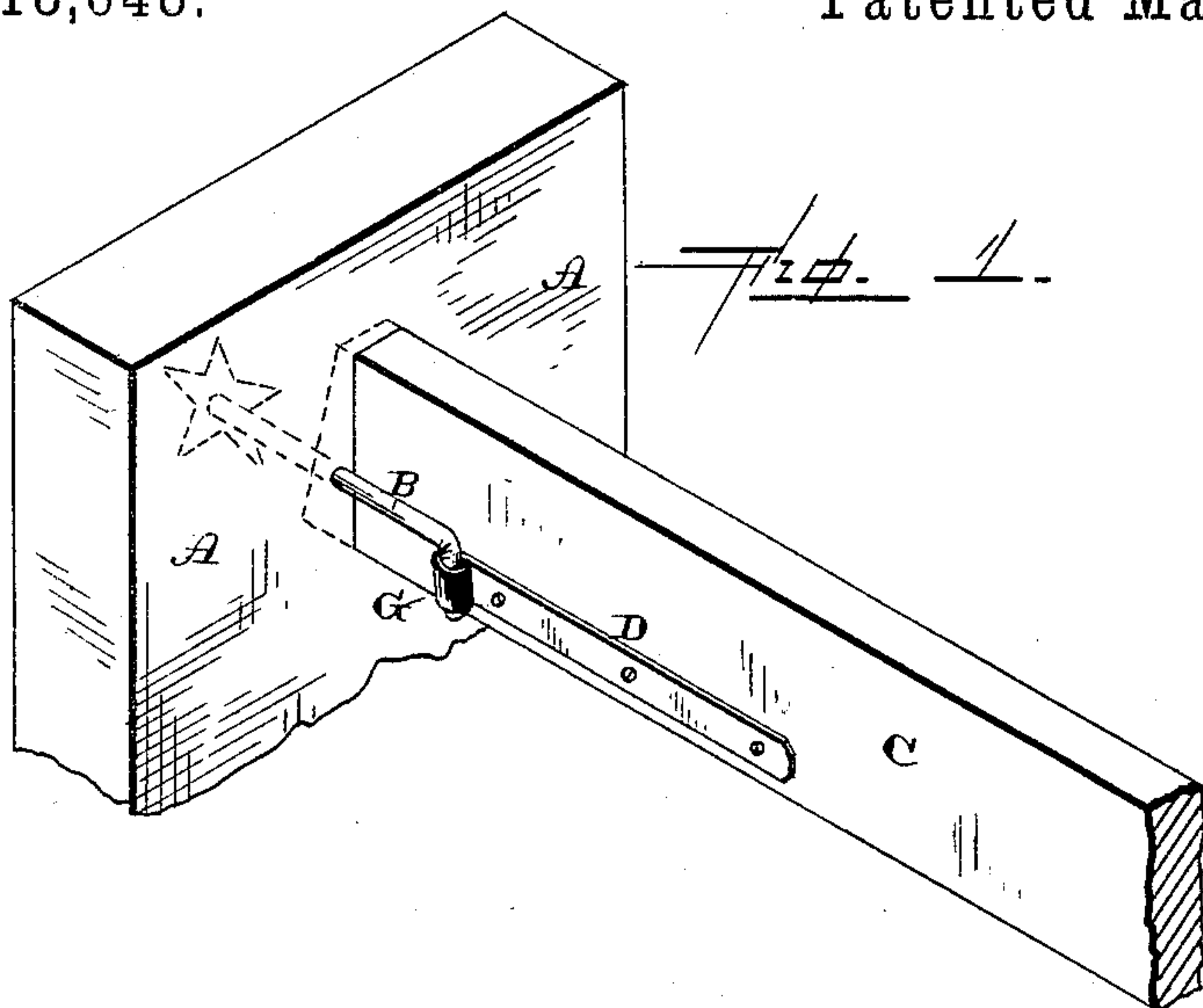
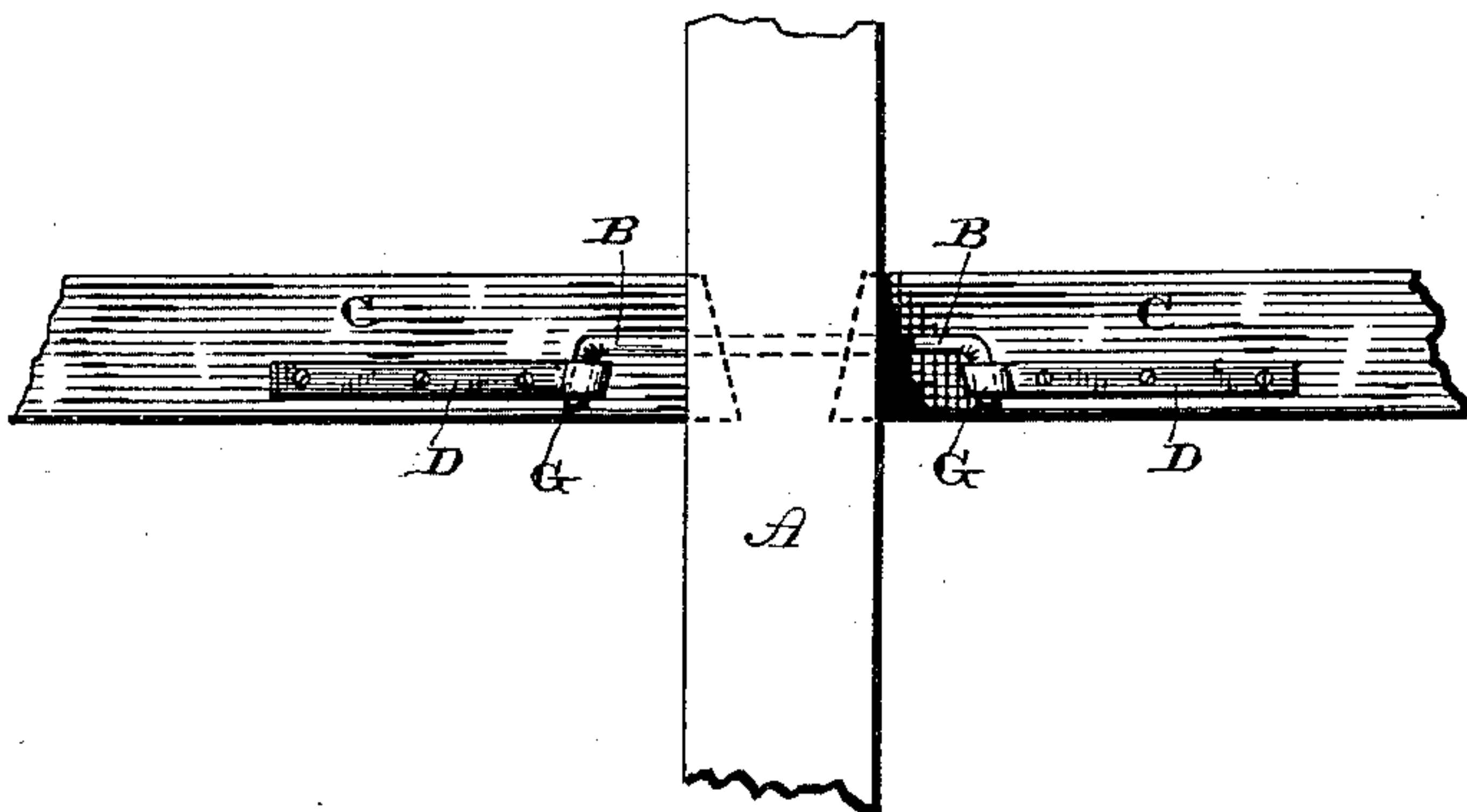


Fig. 2.



—Witnesses.—

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UNITED STATES PATENT OFFICE.

FRANK D. PARADISE, OF MEMPHIS, TENNESSEE.

ANCHOR FOR BUILDINGS.

SPECIFICATION forming part of Letters Patent No. 318,648, dated May 26, 1885.

Application filed March 10, 1885. (No model.)

To all whom it may concern:

Be it known that I, FRANK D. PARADISE, of Memphis, in the county of Shelby and State of Tennessee, have invented certain new and
5 useful Improvements in Anchors for Buildings; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and
10 use it, reference being had to the accompanying drawings, which form part of this specification.

My invention relates to an improvement in anchors for buildings; and it consists in the
15 combination of either a star or blind anchor having its inner end turned downward with a beam and a metallic strap, which is fastened to the side of the beam, and which has an eye formed upon its inner end to catch over the
20 bent end of the anchor, as will be more fully described hereinafter.

The object of my invention is to connect the anchor to the beams in such a manner that in case of fire the beams, when burned through,
25 will drop down, and in dropping become detached from the anchors, and thus prevent the anchors from pulling down the walls when the beams fall.

Figure 1 represents a perspective of my invention. Fig. 2 shows a double anchor.

A represents a brick wall, house, or building of any kind, and B either a star or a blind anchor, which is applied thereto. The inner end of this anchor extends a suitable distance
35 beyond the inside of the wall, and this inner end is turned downward at a suitable angle, as shown. The end of the beam C is made to catch in a suitable recess formed in the side of

the wall to receive it, and secured to the side of the beam is a suitable metallic strap, D, 40 which has an eye or loop, G, formed upon its inner end. The turned-down end of the anchor catches in this eye or loop, and thus binds or locks the beam rigidly in place. In case of a fire, or the beam breaks at or near its center, 45 the ends of the beam simply pull out of the recess in the wall, and as they drop downward the turned-down end of the anchor becomes detached from the loop, and thus the anchor is prevented from pulling down the wall, as it 50 is always liable to do when the anchor is rigidly secured to the beam in the usual manner. Where a double or partition wall is used, a double instead of a single anchor will be used. The anchor will then engage with the beams 55 on each side of the wall.

If the walls are not pulled down by the beams when they fall, in case of a fire or accidental breaking of the beams, the walls are left standing in position, and can be used again 60 when the building is rebuilt.

Having thus described my invention, I claim—

The combination of the anchor having its ends bent or turned downward, the beam, and 65 a strap secured to the beam having an eye or loop formed upon its inner end, so as to catch over the turned-down end of the anchor, substantially as shown and described.

In testimony whereof I affix my signature in 70 presence of two witnesses.

FRANK D. PARADISE.

Witnesses:

RICHARD K. HALE,
HUNSDON CARY.