

May 7, 1935.

I. E. HOGELIN

2,000,483

LADDER BRACKET

Filed Oct. 20, 1934

3 Sheets-Sheet 1

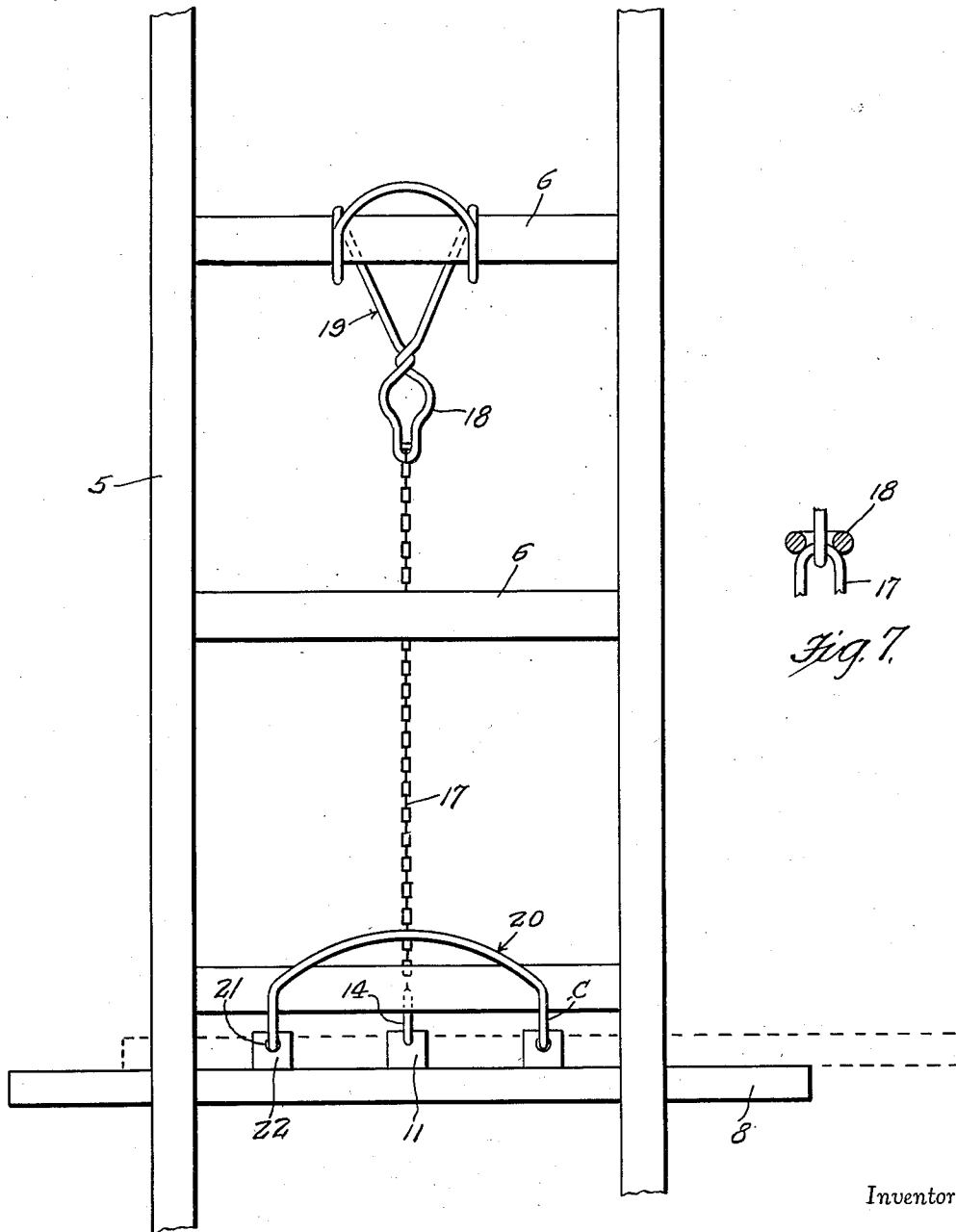
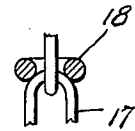


Fig. 7.

Fig. 1.

Inventor

I. E. Hogelin,

By *Clarence A. O'Brien*
Attorney

May 7, 1935.

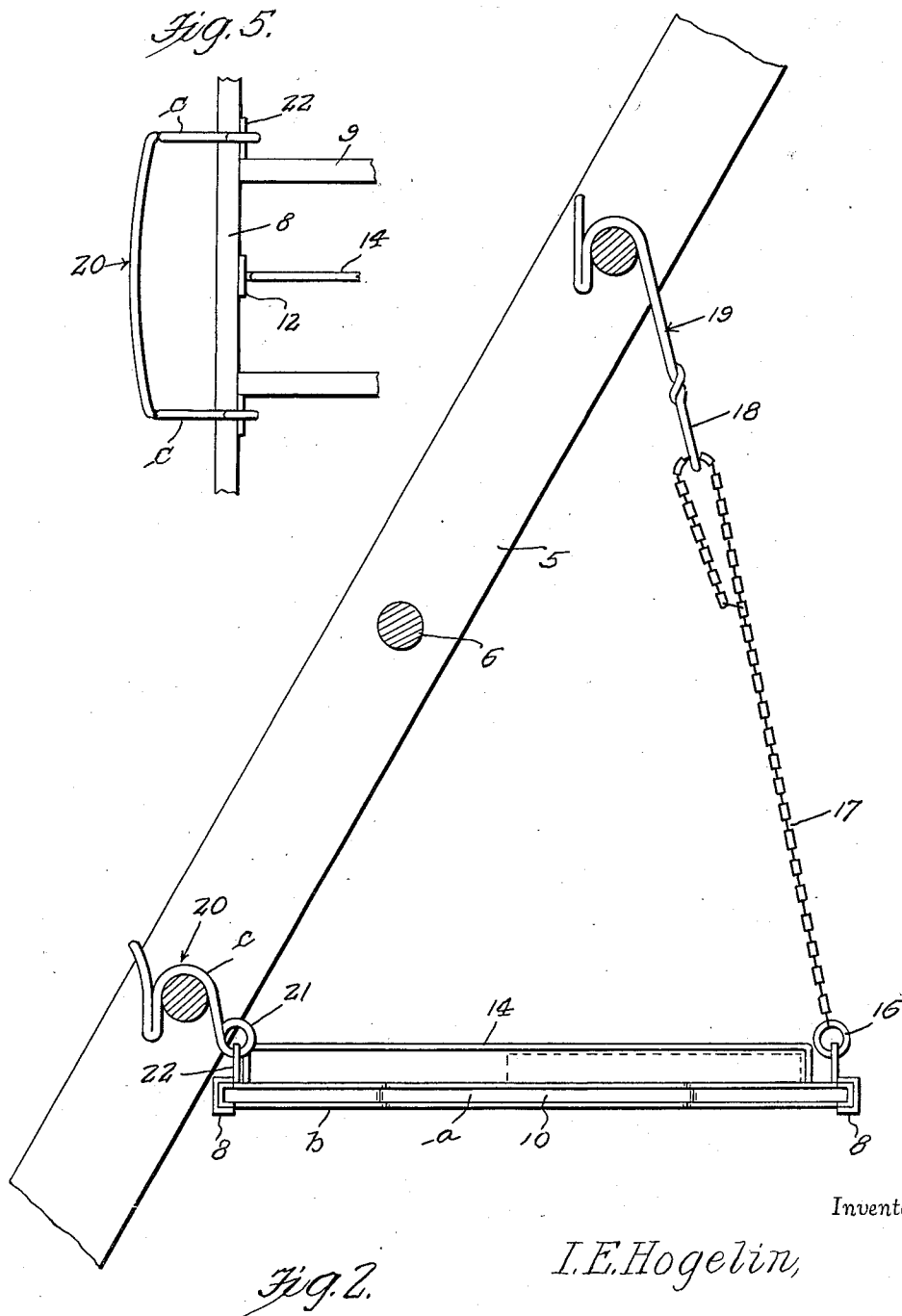
I. E. HOGELIN

2,000,483

LADDER BRACKET

Filed Oct. 20, 1934

3 Sheets-Sheet 2



Inventor

I. E. Hogelin,

By *Clarence A. O'Brien,*
Attorney

May 7, 1935.

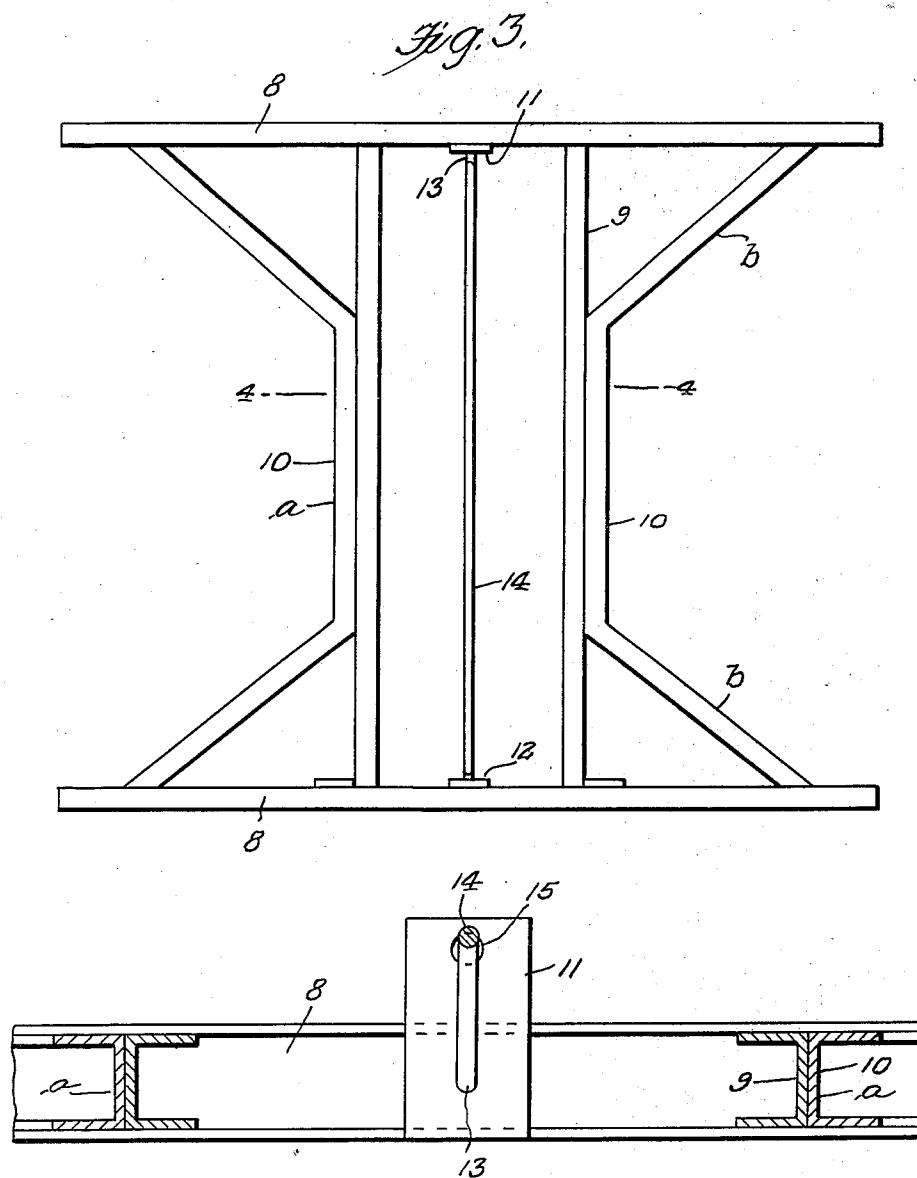
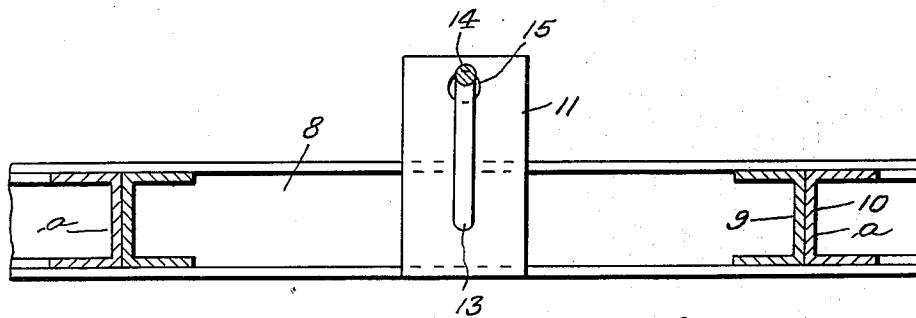
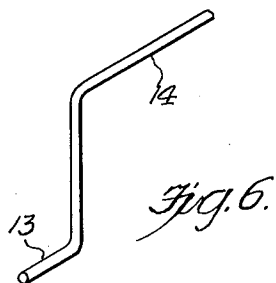
I. E. HOGELIN

2,000,483

LADDER BRACKET

Filed Oct. 20, 1934

3 Sheets-Sheet 3



Inventor

I. E. Hogelin

By *Clarence A. O'Brien*
Attorney

UNITED STATES PATENT OFFICE

2,000,483

LADDER BRACKET

Isaac E. Hogelin, Guthrie Center, Iowa

Application October 20, 1934, Serial No. 749,297

1 Claim. (Cl. 304—34)

This invention appertains to new and useful improvements in ladders and more particularly to a bracket for installation on a ladder for the purpose of supporting workmen's platforms.

5 The principal object of the present invention is to provide a reinforced ladder bracket, which when employed with a pair of adjacent ladders are capable of supporting a workmen's platform having a considerable greater load than is possible to sustain on present day platforms and ladder brackets.

10 During the course of the following specification and claim other important objects and advantages of the invention will become apparent to the reader.

15 In the drawings:—

Figure 1 represents a fragmentary front elevational view of a ladder equipped with the novel bracket.

20 Figure 2 represents a vertical sectional view through the ladder in Figure 1, looking at the bracket in side elevation.

Figure 3 represents a top plan view of the bracket with the ladder engaging means removed.

25 Figure 4 represents an enlarged cross sectional view taken substantially on the line 4—4 of Figure 3.

Figure 5 represents a fragmentary top plan view of the forward end portion of the bracket.

30 Figure 6 represents a fragmentary perspective view of one end of the platform sustaining bail.

Figure 7 represents a fragmentary detailed sectional view of the chain.

35 Referring to the drawings wherein like numerals designate like parts, it will be seen that the ladder consists of side rails 5—5 connected by the usual rungs 6.

40 The bracket consists of the parallel channel iron members 8—8 connected intermediately by the parallel channel irons 9—9.

Substantially U-shaped brace members 10—10 are interposed between the forward and rearward members 8—8 at their ends, each of these brace members 10 consisting of a bight portion *a* and diverging leg members *b—b* which extend forwardly and rearwardly and abut the edge portions of the forward and rearward bars 8—8. The brace members 10 are also of channel iron construction.

50 Secured to the intermediate portion of the bar 8 is the upstanding plate 11 while on the forward bar 8 is the plate 12, both of these plates 11—12 have openings therein for receiving the pintle

13 of the bail 14, under which a platform board can be slid for rest upon the bracket.

The plate 11 also has an opening 15 therein for receiving the ring 16 and from this ring 16 extends the chain 17 which is looped through the key slide formed end portion 18 of the wire hook construction and referred to by numeral 19. Suitable means can be employed for taking up and letting out on the loop of the chain 17 through the keyway 18. The hook 19 is to be engaged over the second rung above the rung over which engages the hook 20, this hook 20 being of wire construction and of general U-shape with its leg portions provided with offsets as at *c—c* to provide indentures for receiving the ladder rungs while the free end portions of the leg portions of this U-shaped hook 20 are formed with loops 21 which extend through apertured lugs 22—22 on the front side of the front bar 8 of the bracket.

Obviously when desired, the bracket can be readily elevated as the painters are required to move up the side of a building, and obviously in view of the reinforced character and construction of this bracket a considerable load can be supported.

While the foregoing specification sets forth the invention in specific terms, it is to be understood that numerous changes in the shape, size and materials may be resorted to without departing from the spirit of the invention as claimed hereinafter.

Having described the invention, what is claimed as new is:—

35 In combination with a ladder having rungs, a fabricated bracket for supporting a platform, said fabricated bracket including spaced parallel end members connected by means of centrally disposed base parallel transverse members, braces on each side of the transverse members are of substantially U-shape having diverging sides, the light portion of each brace being connected to the outer side of the transverse members and the free end of the brace connected to the inner side of the end members, a pivotally mounted hook at one end of the bracket for engaging an immediate rung of the ladder, a chain extending from the opposite end of the bracket and provided with a hook at its end for engaging an elevated rung of the ladder, and a swingable bail on the bracket for engaging over and retaining a platform on the said bracket.

ISAAC E. HOGELIN. 55