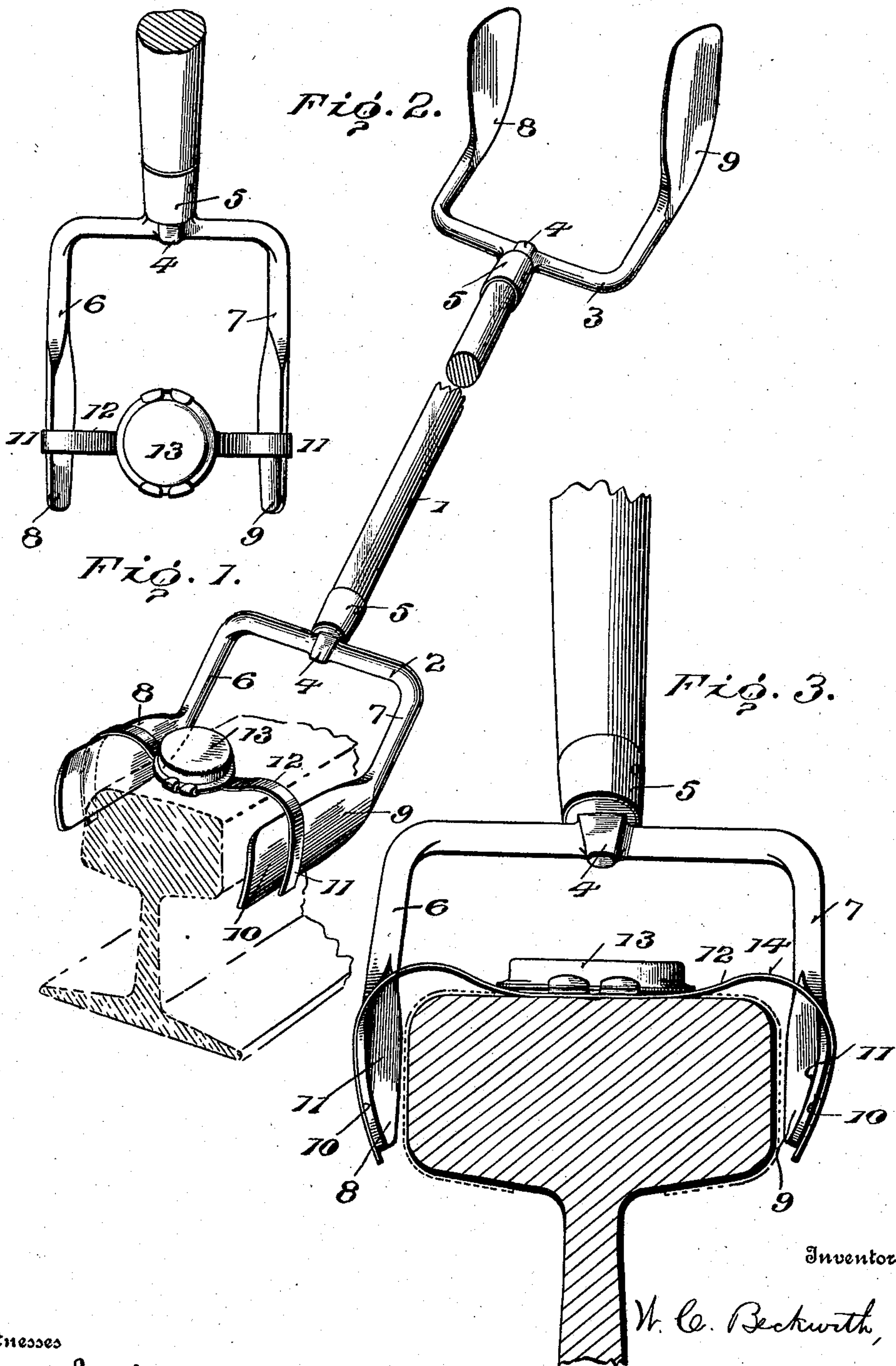


No. 867,783.

PATENTED OCT. 8, 1907.

W. C. BECKWITH.
RAILWAY TORPEDO PLACER.
APPLICATION FILED MAR. 12, 1907.



Witnesses

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WALTER C. BECKWITH, OF FOSTORIA, OHIO.

RAILWAY TORPEDO-PLACER.

No. 867,783.

Specification of Letters Patent.

Patented Oct. 8, 1907.

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To all whom it may concern:

Be it known that I, WALTER C. BECKWITH, a citizen of the United States, residing at Fostoria, in the county of Seneca and State of Ohio, have invented certain new and useful Improvements in Railway Torpedo-Placers, of which the following is a specification, reference being had therein to the accompanying drawing.

My invention relates to improvements in railway torpedo placers.

10 The object of my invention is to provide a torpedo placer of the character described, which is adapted to hold any spring clip torpedo, and so arranged and constructed that the torpedo can be readily placed upon the rail from the rear end of a moving train.

15 Another object of my invention is to provide a placer of this character, carrying means for holding two torpedoes, and in which a simple, cheap and effective device is produced to accomplish the desired results.

20 In the accompanying drawings, Figure 1, is a perspective view of my improved placer showing it in the act of placing a torpedo on the rail. Fig. 2, is a top plan view of the placer showing the torpedo placed thereon. Fig. 3, is a vertical sectional view of a rail showing the torpedo in position on the rail in the act of being released from the holder.

25 Referring now to the drawings, 1 represents the handle of my improved placer which is preferably made of wood, and of an elongated form—say about five feet in length—which would be of a sufficient length to allow the torpedo to be placed upon the rail of the track from the rear end of a moving train. Secured upon both ends of the said handle are the forks 2 and 3 which extend in opposite directions, as shown in Fig. 1. The shanks 4 are secured within the handle by means of a ferrule 5, as shown, although the said fork could be provided with a socket with the handle fitting therein and secured by any means. The two members 6 and 7 of the forks are of an elongated form, and are spaced apart a distance slightly greater than the tread of the ordinary rail, so that it will straddle the rail, as will be hereinafter more fully described. The ends of said members 6 and 7 of the forks are provided with enlarged broad flat laterally extending portions 8 and 9 which extend from the fork at about an angle of 45 degrees, and said broad flat portions, as shown, are of a slightly curved form, having convexed outer faces 10 and concaved inner faces 11. The said portions 8 and 9, as shown, are of an elongated form, and slightly twisted, in respect to the fork members 6 and 7, so as to throw the upper end outward away from the rail, and to conform more perfectly with the spring clip 12. of the torpedo 13. This twisting of the members 8 and 9, as will be seen, holds the upper end, as indicated at 14, of the spring clip away from the rail, and when inserting or placing the torpedo upon the track the torpedo or that

portion of the clip immediately below the torpedo, engages the rail, and the continued downward movement of the fork causes the members 8 and 9 to move downward below the spring clip and allows the same to clamp upon the rail.

The members 8 and 9 being made of an elongated form allows the torpedo to be more readily placed thereon, and also prevents the spring arms of the torpedo from being accidentally disengaged therefrom by any slight engagement of the torpedo with the rail or other obstructions, or any slight twisting thereof.

I have shown the handle provided at each end with a fork which allows two torpedoes to be placed upon the placer, and by turning the handle end for end each torpedo is placed upon the rail, this being a convenience when it is desired to place two torpedoes upon the track, or in case one torpedo did not properly clamp upon the rail.

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

1. A torpedo placer, comprising a member having two broad portions spaced a distance apart to straddle the rail and upon which the spring clip of the torpedo is held in its expanded position whereby the downward movement of the member causes the rail to engage the torpedo and place the same upon the rail.

2. A torpedo placer, comprising a forked member having broad portions adapted to straddle the rail and upon which the spring clip of the torpedo is held in its expanded position, whereby the downward movement of the member causes the rail to engage the torpedo and place it upon the rail.

3. A torpedo placer comprising a member having two broad curved portions adapted to straddle the rail and upon which the spring clip of the torpedo is held in its expanded position, whereby the downward movement of the member causes the rail to engage the torpedo and place it upon the rail.

4. A torpedo placer, comprising a member having elongated flat portions adapted to straddle the rail, and said flat portions having convexed outer faces upon which the clip of the torpedo is held in its expanded position.

5. A torpedo placer, comprising an elongated handle, and a forked member carried by each end of the handle and having broad curved portions adapted to hold the clip of the torpedo in its expanded position to be placed upon the rail.

6. A torpedo placer, comprising an elongated handle, and a forked member carried by each end of the handle and having a curved portion extending at an angle to the forks, and adapted to hold the clip of the torpedo in its expanded position to be placed upon the rail.

7. A torpedo placer, comprising a forked member adapted to straddle the rail and having a broad curved end extending at an angle thereto, and adapted to hold the torpedo by the clip and protect the same against engagement with the rail.

8. A torpedo placer, comprising a handle, a forked member carried thereby and parallel therewith, and the lower ends of said forked member turned at an angle and having broad curved outer faces over which the clip of the torpedo is held in its expanded position.

9. A torpedo placer, comprising a handle, a forked

member carried thereby and parallel therewith, and the lower ends of said forked members turned at an angle and having a broad vertically-arranged portion over which the clip of the torpedo is held in its expanded position.

5 10. A torpedo placer, comprising a handle, a forked member carried thereby and parallel therewith, and the lower ends of said forked members turned at an angle and having a broad portion twisted at an angle to the forked member, and over which the clip of the torpedo is held in its expanded position.

1 11. A torpedo placer, comprising a handle, a forked member carried thereby and parallel therewith, and the lower ends of said forked member turned at an angle and having a broad portion twisted with their lower ends closer together and having convexed outer faces over which the clip of the torpedo is held in its expanded position.

15 12. A torpedo placer, comprising a handle, a forked member carried thereby and parallel therewith, and the lower ends of said forked members turned at an angle

and having a broad curved portion twisted at an angle 20 and over which the clip of the torpedo is held in its expanded position.

13. A torpedo placer, comprising a handle having a forked member carried thereby and parallel therewith, 25 and the lower ends of said forked member turned at an angle and terminating in broad portions having their lower ends closer together than their upper ends, and having concaved inner faces and convexed outer faces over which the clip of the torpedo is held in its expanded position, whereby the downward movement of the member 30 over the rail causes the same to engage the torpedo and places the same upon the rail.

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

WALTER C. BECKWITH.

Witnesses:

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