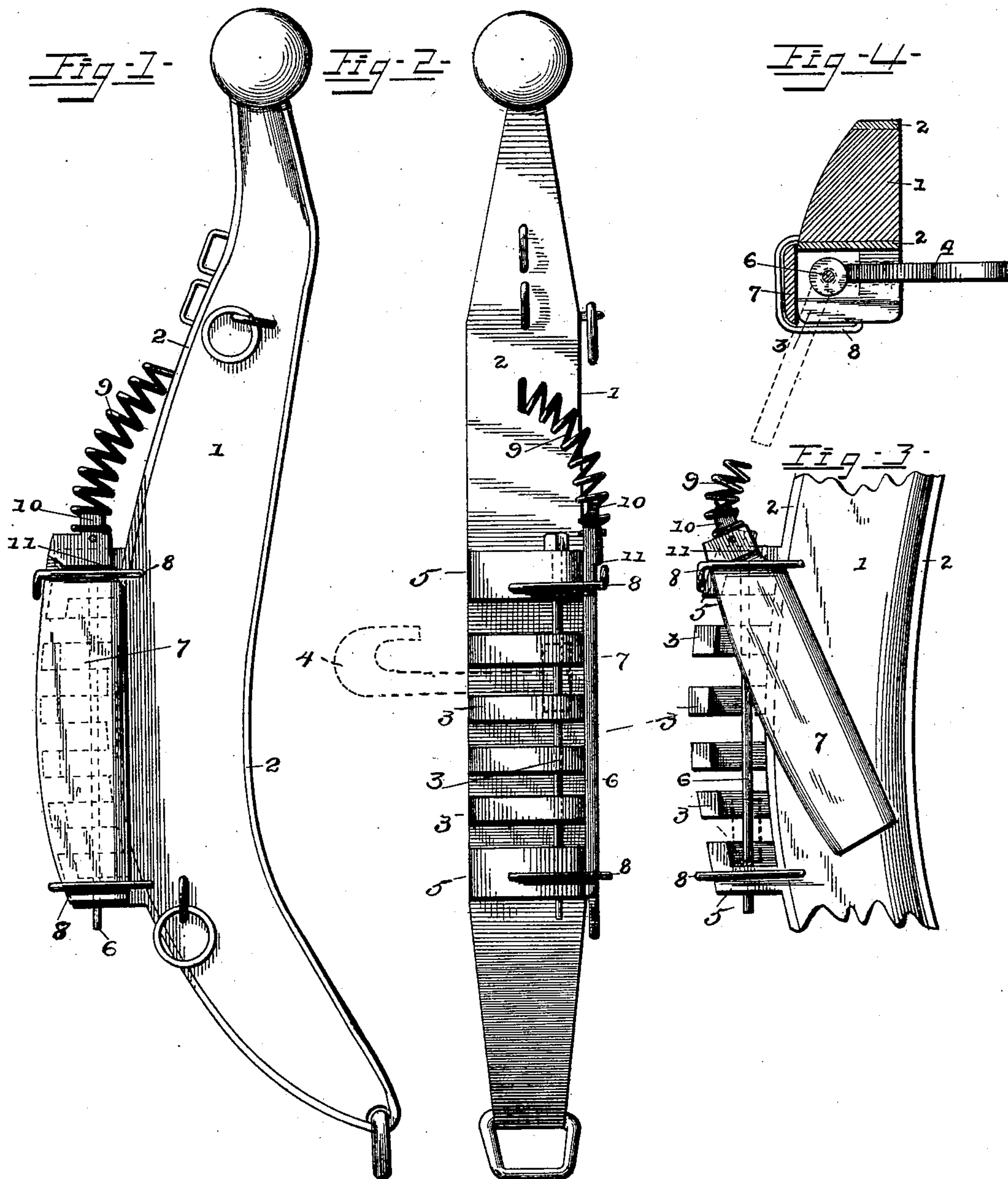


No. 626,784.

Patented June 13, 1899.

J. GALLOGLY.
HAME ATTACHMENT.
(Application filed Dec, 17, 1897.)

(No Model.)



John Gallogly, Inventor:-

Witnesses
C. J. Young
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UNITED STATES PATENT OFFICE.

JOHN GALLOGLY, OF UPPER GLADE, WEST VIRGINIA.

HAME ATTACHMENT.

SPECIFICATION forming part of Letters Patent No. 626,784, dated June 13, 1899.

Application filed December 17, 1897. Serial No. 662,303. (No model.)

To all whom it may concern:

Be it known that I, JOHN GALLOGLY, a citizen of the United States, residing at Upper Glade, in the county of Webster and State of West Virginia, have invented a new and useful Hame Attachment, of which the following is a specification.

This invention relates to that class of hame attachments which provide for the vertical adjustment of the hame-tug, whereby the point of draft may be regulated with reference to the shoulders of the animal to secure the best results.

For a full understanding of the merits and advantages of the invention reference is to be had to the accompanying drawings and the following description.

The improvement is susceptible of various changes in the form, proportion, and the minor details of construction without departing from the principle or sacrificing any of the advantages thereof, and to a full disclosure of the invention an adaptation thereof is shown in the accompanying drawings, in which—

Figure 1 is a front view of a hame, illustrating the application of the invention. Fig. 2 is an edge view thereof. Fig. 3 is a front view of the intermediate portion of the hame, showing the cap-plate turned aside. Fig. 4 is a transverse section, the tug hook or clip being shown in working position by full lines and thrown forward by dotted lines.

Corresponding and like parts are referred to in the following description and indicated in the several views of the drawings by the same reference characters.

The hame 1, which is of wood and of the ordinary form, is reinforced at its inner and outer edges by a strap 2, secured thereto in any substantial manner. A vertical series of hooks 3 are formed with or applied to the outer portion of the strap 2 and are disposed horizontally and extend forwardly and are designed to receive the attaching end of the tug hook or clip 4, said hook having a sleeve at its coupling end to engage with adjacent hooks 3, the shank of the hook 4 passing between the pair of hooks 3, to which the tug-hook is applied. Lugs 5 are disposed at the ends of the series of hooks 3 and are recessed on their inner sides to receive the end portion of the sleeve at the end of the tug hook

or clip, and these lugs have openings in vertical alinement to receive a bolt or rod 6, which passes through the sleeve of the tug-hook to prevent accidental displacement thereof. The lugs 5 and hooks 3 may be cast with the strap 2 or applied thereto in any substantial manner, as found most advantageous.

A plate 7 extends over the front ends of the hooks 3 and closes them and limits the forward movement of the tug hook or clip, as clearly indicated by the dotted lines in Fig. 4. This plate also prevents the accidental engagement with the hook of the lines or any part of the harness and will serve to retain the tug-hook in place, even though the bolt or rod 6 be omitted. Keepers 8 are located opposite the lugs 5 and serve to retain the plate 7 in place and may be suitably formed, and, as shown, consist of a stout wire bent into substantially an L form and having its end portions let into the lugs and hame, a space being provided between the front side of the lugs and the opposing portions of the wires which receive the plate 7. A spring 9 is interposed between the upper end of the plate 7 and the hame, and its end portions are secured to each by being let into openings formed therein. The lower end of the spring receives a projection 10, provided at the upper end of the plate, and the downward movement of the said plate is limited by a shoulder 11 near its upper end. The spring 9 exerts a downward pressure upon the plate 7, thereby retaining it in place within the keepers 8.

When it is required to engage the tug-hook with a pair of hooks 3, the plate 7 is moved upwardly a sufficient distance to disengage its lower end from the bottom keeper 8, after which it is turned aside, as shown in Fig. 3. The bolt or rod 6 is withdrawn and the attaching end of the tug-hook is passed between the desired pair of hooks 3, after which the rod or bolt 6 is passed through the sleeve of the tug-hook and engaged with the lugs 5, and the plate 7 is replaced.

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

1. In a hame, the combination of a series of hooks arranged in vertical alinement and adapted to have the tug hook or clip adjustably connected therewith, keepers at the up-

per and lower ends of the vertically-arranged series of hooks, a plate closing the passages of the hooks and extending across the spaces formed between the said hooks to secure the
5 tug-hook in an adjusted position, and a spring applied to the plate and exerting an endwise pressure thereon, substantially as and for the purpose set forth.

2. In a hame, the combination of a vertical
10 series of hooks placed with their passages extending forwardly, lugs at the ends of the series of hooks having recesses at their inner sides corresponding with the passages of the hooks, and a bolt or rod supported in open-
15 ings in the said lugs and extending across the passages of the series of hooks and having the tug hook or clip slidably mounted thereon, as and for the purpose set forth.

3. In a hame, the combination of a vertical

series of hooks extending forwardly, lugs at 20 the ends of the series of hooks and recessed upon their inner sides, a bolt or rod supported in openings in the lugs, keepers, a plate slidably mounted in the keepers and adapted to extend over and close the open ends of the 25 hooks, and provided with means for limiting its endwise movement, and a spring interposed between the plate and hame for normally retaining the plate in working position, substantially as described. 30

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

JOHN GALLOGLY.

Witnesses:

T. A. GREGORY,
BAUTZ WOODDELL.