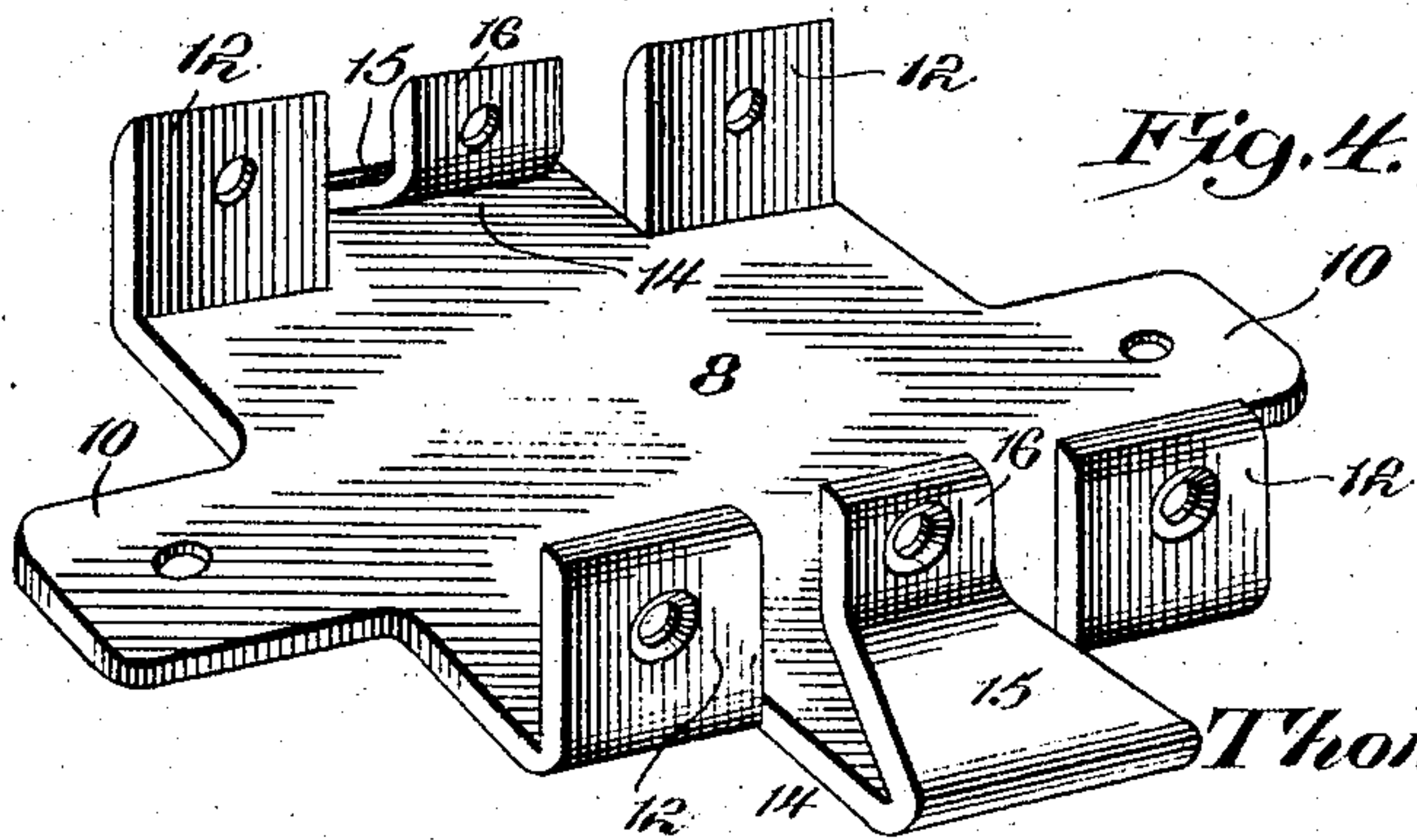
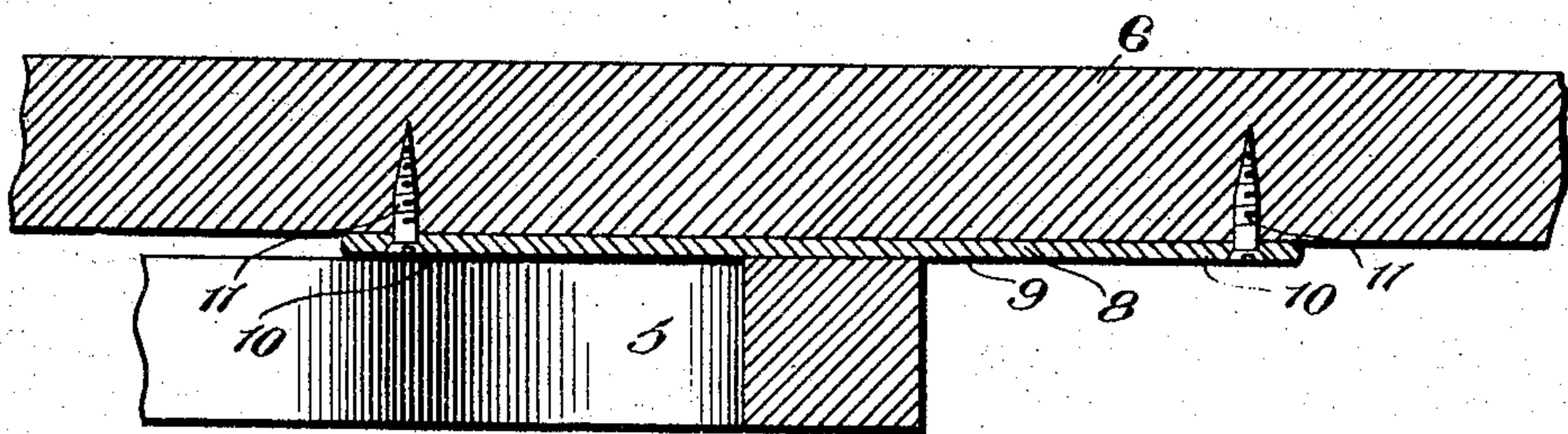
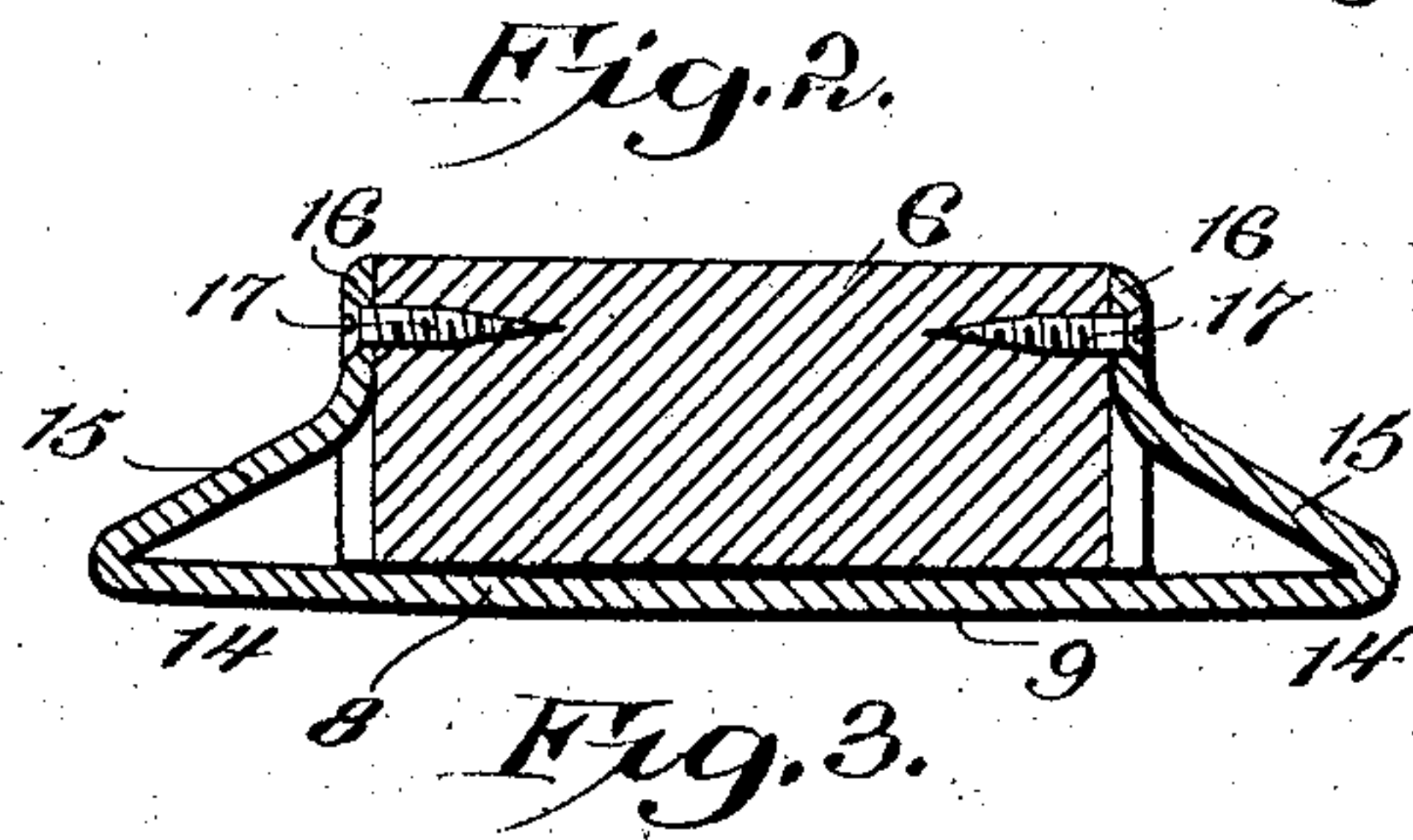
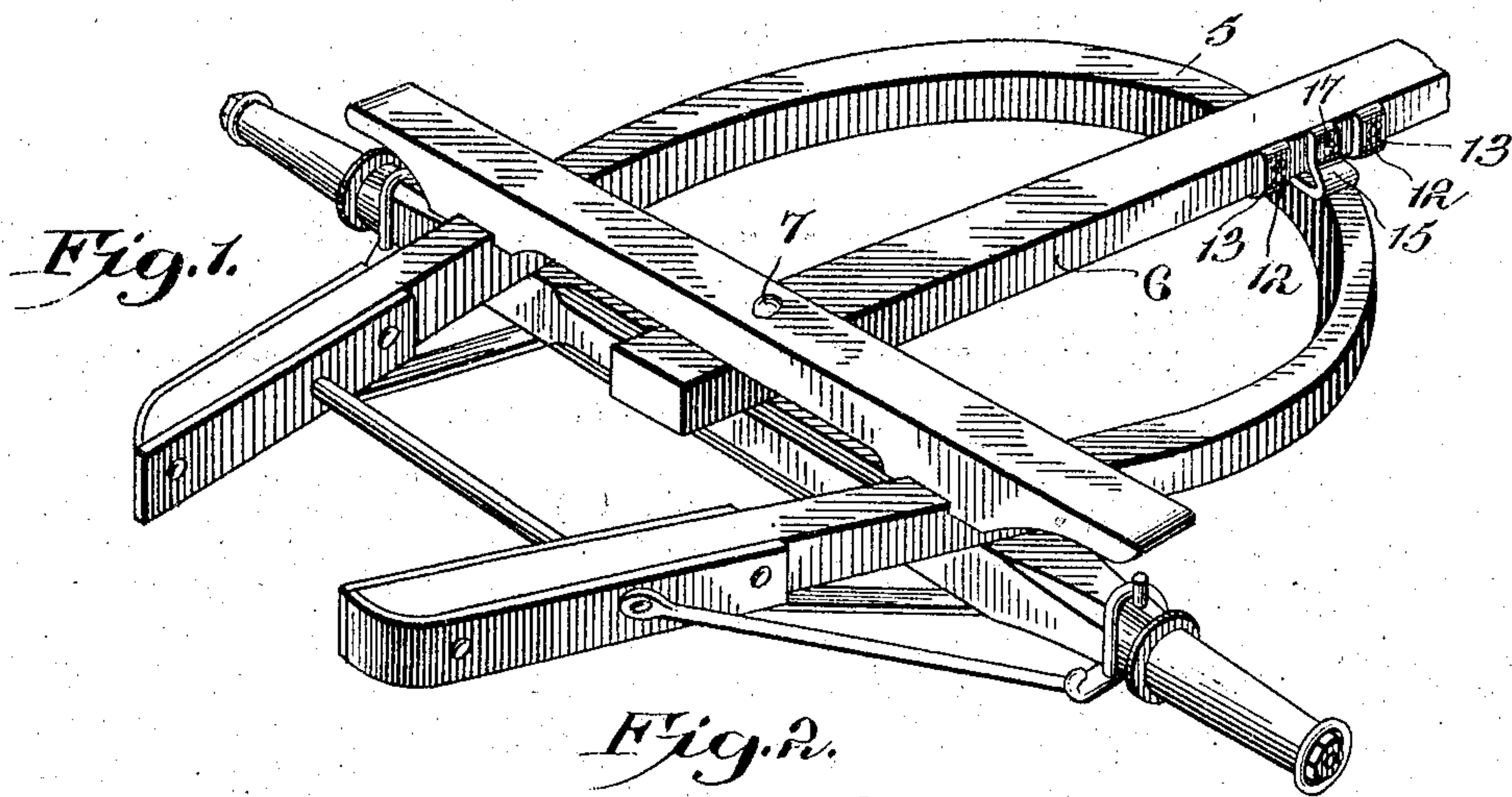


No. 781,471.

PATENTED JAN. 31, 1905.

T. A. STRODE.  
VEHICLE REACH AND HOUND WEAR PLATE.  
APPLICATION FILED SEPT. 20, 1904.



Thomas A. Strode,  
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Witnesses  
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B. H. Foster.

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Attorney



# UNITED STATES PATENT OFFICE.

THOMAS A. STRODE, OF SPRUCE, MISSOURI.

## VEHICLE-REACH AND HOUND WEAR-PLATE.

SPECIFICATION forming part of Letters Patent No. 781,471, dated January 31, 1905.

Application filed September 20, 1904. Serial No. 225,257.

*To all whom it may concern:*

Be it known that I, THOMAS A. STRODE, a citizen of the United States, residing at Spruce, in the county of Bates and State of Missouri, have invented a new and useful Vehicle-Reach and Hound Wear-Plate, of which the following is a specification.

This invention relates to means for preventing the wearing of the reach of a vehicle by the movement thereagainst of the hound.

The object is to provide a simple article of manufacture that can be easily made, readily and securely applied, and will constitute efficient means for preventing the wear noted.

The preferred embodiment of the invention is illustrated in the accompanying drawings, wherein—

Figure 1 is a perspective view showing a portion of the running-gear of a vehicle with the improved device interposed between the reach and hound. Fig. 2 is a cross-sectional view on an enlarged scale. Fig. 3 is a longitudinal sectional view, and Fig. 4 is a perspective view, of the wear-plate.

Similar reference-numerals indicate corresponding parts in all the figures of the drawings.

In the embodiment illustrated a well-known type of curved hound 5 is shown, constituting a part of the front portion of the running-gear of a vehicle and over which is located the usual reach-bar 6, having a connection with the front axle by means of a king-bolt 7, that permits the axle to turn, the hound 35 being secured to said axle, so as to turn therewith. It will thus be apparent that the said hound has a transverse movement with respect to the reach-bar. Interposed between said hound and reach-bar, but receiving the wear of the former, is the improved device, consisting of a metallic plate 8, preferably having a curved under face 9, the plate fitting against the under side of the reach-bar and a portion, at least, of the curved surface 45 9 slidably bearing upon the hound. This plate is provided with longitudinally-disposed ears 10, that lie against the under side of the reach-bar and are secured thereto by any suitable fasteners—as, for instance, screws 11. 50 The opposite side edges of the plate 8 are

provided with spaced sets of upstanding ears 12, that embrace the reach-bar and are secured thereto by screws or other fasteners 13, driven into the sides of said reach-bar. Between the upstanding ears 12 are located projections 14, extending from the opposite side edges of the plate 8 and having rearwardly-extending upwardly-inclined brackets 15, terminating in upstanding ears 16, that are alined with the upper portions of the ears 12 and are provided with openings to receive fasteners 17.

The use of the device will be clearly apparent by reference to the drawings, said device being interposed between the hound and reach and secured to the latter, so that the plate will bear upon the hound, and the projecting portions 14 will be located thereover and will always engage the hound should the parts tilt with relation to each other.

It will be apparent that the device can be manufactured very cheaply, can be readily applied by an unskilled person to the vehicle, obviates to a very material degree the wear on the contacting parts of the hound and reach, and strengthens said reach at a very important point.

From the foregoing it is thought that the construction, operation, and many advantages of the herein-described invention will be apparent to those skilled in the art without further description, and it will be understood that various changes in the size, shape, proportion, and minor details of construction may be resorted to without departing from the spirit or sacrificing any of the advantages of the invention.

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

1. The combination with a reach, of a hound movable transversely thereof and a wear-plate located against the under side of the reach and bearing upon the hound, said plate having spaced sets of upstanding ears that embrace the reach and are secured thereto and being furthermore provided with portions between the ears that project beyond opposite sides of said reach above the hound.

2. The combination with a reach, of a hound



movable transversely thereof and a wear-plate located against the under side of the reach and bearing against the hound, said plate having portions projecting beyond the opposite sides 5 of the reach above the hound, and rearwardly and upwardly extending bracket elements connecting the projecting portions and the reach.

3. The combination with a reach, of a hound movable transversely beneath the same and a 10 wear-plate located against the under side of the reach and bearing against the hound, said plate being of greater length than the width of the hound and having spaced sets of upstanding ears that embrace the reach on opposite sides 15 of the hound and are secured thereto, oppositely-extending projections from the plate between the ears, said projections being located over the hound, and rearwardly-extending brackets carried by the free ends of the pro-

jections and having upstanding ears secured to 20 the reach.

4. As an article of manufacture, a wear-plate consisting of a sheet body portion provided with longitudinally-extending ears at its ends and having spaced sets of upstanding ears at 25 its side edges, projections extending from said side edges between the ears, and rearwardly-extending bracket portions carried by the free ends of the projections and having upstanding 30 terminal ears.

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

THOMAS A. STRODE.

Witnesses:

C. C. CLIZER,  
WALTER McCOWN.