

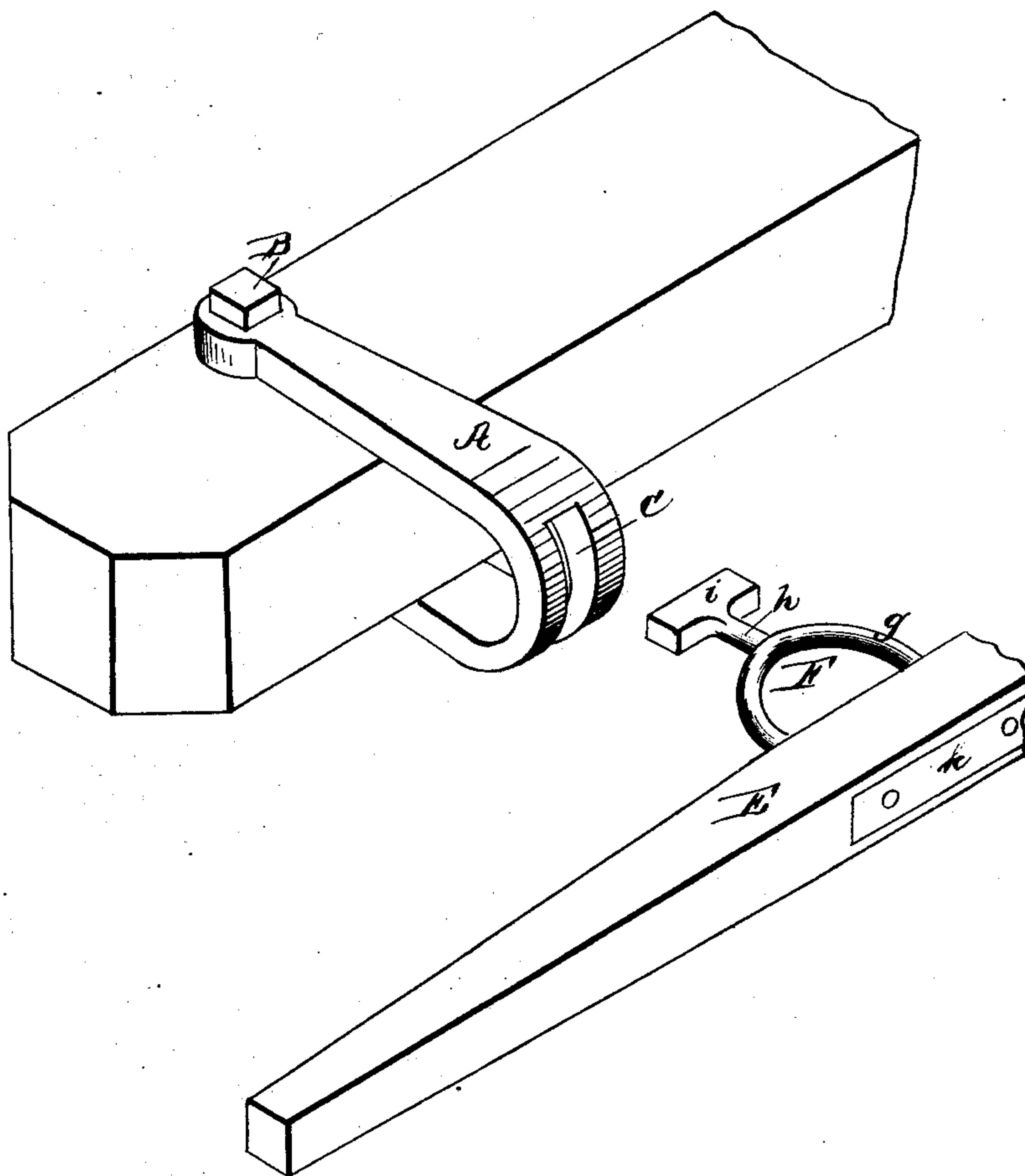
(No Model.)

J. R. FINLEY.

WHIFFLETREE CLIP AND CLEVIS.

No. 244,873.

Patented July 26, 1881.



Witnesses:
W. C. McArthur
John C. Rogers

Inventor:
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UNITED STATES PATENT OFFICE.

JAMES R. FINLEY, OF DELPHI, INDIANA, ASSIGNOR TO HIMSELF AND
J. CARLL, OF SAME PLACE.

WHIFFLETREE CLIP AND CLEVIS.

SPECIFICATION forming part of Letters Patent No. 244,873, dated July 26, 1881.

Application filed March 5, 1881. (No model.)

To all whom it may concern:

Be it known that I, JAMES R. FINLEY, of Delphi, in the county of Carroll and State of Indiana, have invented certain new and useful Improvements in Whiffletree Clips and Clevises; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing, and to the letters of reference marked thereon, which forms part of this specification, in which the figure is a perspective view of my clip or clevis.

The object of this invention is to provide a clevis and single-tree clip that can be readily coupled by simply manipulating the single-tree, that will be held coupled together so long as the single-tree is not brought into a vertical position, and that can be readily uncoupled by a reversal of the movement of the single-tree which effected the coupling together of said devices, as will be hereinafter more fully described. The clevis is provided with a vertical slot, and the single-tree is provided with a clip consisting, principally, of a pin having a head that is flattened to admit of its being passed through the slot of the clevis while the single-tree is held vertically, and to prevent its withdrawal through the same after the single-tree has been turned from said vertical position.

A refers to the U-shaped clevis, and B to the vertical bolt that is passed through the beam and the ends of the clevis. This clevis is made with a slot, C, through its front portion, the walls of said slot being in the present instance in vertical planes.

E indicates the single-tree, and F the single-tree clip, which consists of the staple *g*, having a central projecting pin, *h*, upon the end of which is a flattened head, *i*. The ends of the staple are passed through the single-tree and held in any suitable way—as, for instance, by a plate, *k*. The head of the pin is of such thickness that when the single-tree is brought into a vertical position the said head can be

passed through the slot of the clevis, and by then turning the single-tree the pin of the clip will have its bearings in the slot, and the withdrawal of the head will be impossible by reason of its abutting against the inner side of the clevis. Hence so long as the single-tree is in a horizontal, or, in fact, in any other than a vertical, position, the clip and the clevis cannot be disconnected.

As herein shown, the clevis has its ends held against the top and under sides of the beam, so that the walls of the slot will be in vertical planes; but it is evident that the ends of the clevis can be secured to the sides of the beam, so as to bring the walls of the slot in horizontal planes, in which latter instance the flattened head of the pin will be so formed that a line through the greatest length of the head will be at right angles to the axis of the single-tree, instead of being parallel therewith, as shown in the drawing.

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

1. The combination of the clevis formed with a slot, with the single-tree clip having a flattened head adapted to be passed through the slot of the clevis only when the single-tree is brought into a vertical position, substantially as described.

2. The combination of the clevis formed with a slot, with the single-tree clip consisting of a staple having a pin with a head flattened and adapted to be passed through the slot of the clevis only when the single-tree is brought into a vertical position, substantially as described.

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

JAMES R. FINLEY.

Witnesses:

W. A. REINHART,
R. K. HOLT.