J. E. G. GEISEL.

HASP FASTENER.

APPLICATION FILED SEPT. 25, 1913.

1,096,902. Patented May 19, 1914.

Fig. 1.

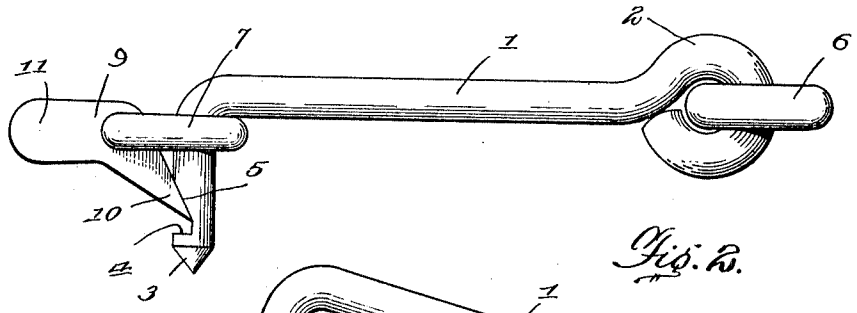


Fig. 2.

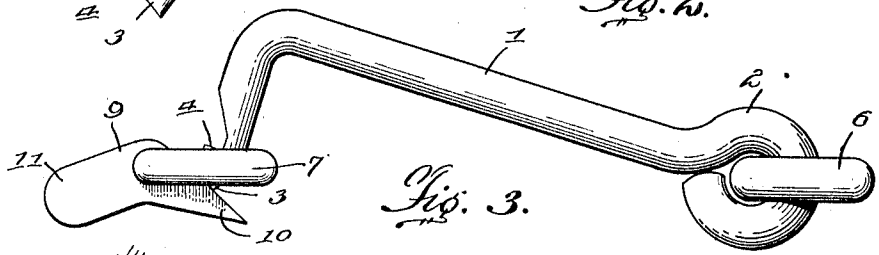


Fig. 3.

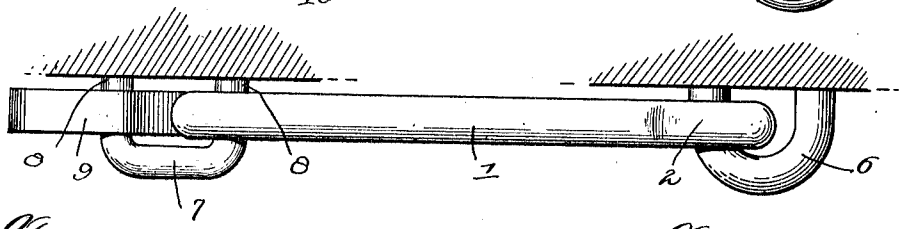


Fig. 4.

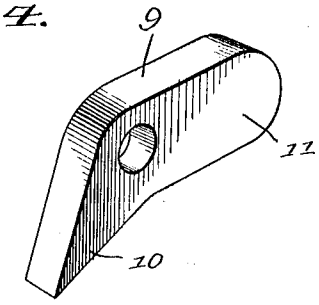


Fig. 5.

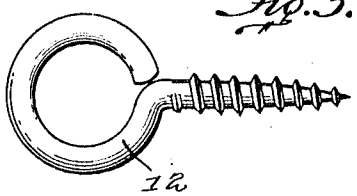
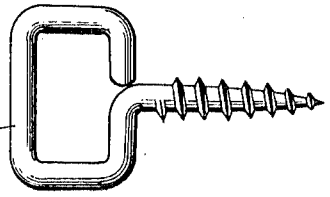


Fig. 6.



Witnesses

Frederick L. Fay,

Eva W. Springer.

Inventor

John E. G. Geisel.

By Pexford M. Brick,

Attorney

COLUMBIA PLANOGRAPH CO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

JOHN E. G. GEISEL, OF LEHIGHTON, PENNSYLVANIA.

HASP-FASTENER.

1,096,902. Specification of Letters Patent. Patented May 19, 1914.

Application filed September 25, 1913. Serial No. 791,735.

To all whom it may concern:

Be it known that I, JOHN E. G. GEISEL, a citizen of the United States, residing at Lehighton, in the county of Carbon and State of Pennsylvania, have invented a certain new and useful Hasp-Fastener, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to hasp fasteners, the object of the invention being to produce in combination with a hasp in the form of a hook, a locking member which is supported by the keeper and adapted to engage a shoulder adjacent to the point of the hook after the point of the hook has been inserted through the keeper.

A further object of the invention is to provide in connection with such a hook, a locking member supported by the keeper and operating by gravity to automatically engage the locking shoulder of the hook.

With the above and other objects in view, the invention consists in the construction, combination and arrangement of parts, as will hereinafter be more fully described, illustrated and claimed.

In the accompanying drawings:—Figure 1 is a view in elevation of the hasp fastener of this invention. Fig. 2 is a view similar to Fig. 1 showing the relation of the parts as the point of the hook is inserted through the keeper. Fig. 3 is a plan view of the same. Fig. 4 is a detail perspective view of the locking member. Fig. 5 is a detail view of another form of attaching eye. Fig. 6 is a detail view of another form of keeper.

Referring to the drawings, 1 designates a hook provided at one end with an eye 2 and having the hooked end thereof pointed as shown at 3.

In carrying out the present invention, the hook 1 is provided adjacent to the point thereof with a locking shoulder 4 the purpose of which will appear.

6 designates an attaching eye or staple by means of which the hook is secured in place.

7 designates a keeper which in Figs. 1, 2 and 3 is shown in the form of a staple having the opposite side portions 8 thereof parallel to each other.

9 designates the locking member which is formed with a hole to receive one of the parallel portions 8 of the keeper, adapting said locking member to swing pivotally on the keeper by which it is supported at all times. The locking member is provided at one end with an engaging point 10 while the other end portion 11 of the locking member is relatively heavy so that the locking member will act by gravity to maintain an interlocked engagement between the point thereof and the locking shoulder 4 of the hook.

When the hook is removed from the keeper, the locking member assumes the position shown in Fig. 3 due to the greater weight of one arm of said locking member. When the point of the hook is inserted through the keeper as shown in Fig. 3, it presses downwardly against the pointed arm of the locking member until the shoulder 4 passes below the pointed end of the locking member whereupon the locking member swings by gravity to the position shown in Fig. 1, thereafter preventing the removal of the point of the hook from the keeper until the weighted arm of the locking member is raised sufficiently to throw the pointed end thereof out of engagement with the locking shoulder 4.

Instead of employing the staples shown in Figs. 1 to 3 inclusive as the attaching eye and keeper, the attaching eye 12 shown in Fig. 5 may be substituted for the eye 6 and the keeper 13 shown in Fig. 6 may be substituted for the staple-like keeper 7 shown in the first three figures of the drawings. The operation of the hasp fastener is the same in both cases.

What I claim is:—

A hook provided with a locking shoulder adjacent to the extremity thereof, a keeper through which the point of the hook is insertible, and a locking member pivotally supported by said keeper and adapted to engage said locking shoulder.

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

JOHN E. G. GEISEL

Witnesses:
IRA E. SEIDLE,
CARRIE GASSNER.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."