A. GEN.

BLIND HINGE.

APPLICATION FILED OCT. 17, 1908.

919,154. **Patented Apr. 20, 1909.**

Fig. 1.

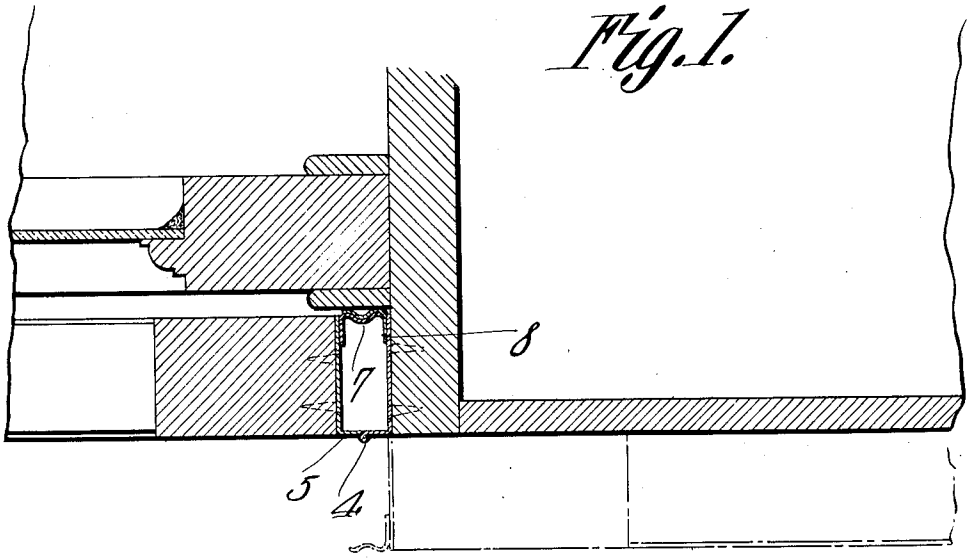
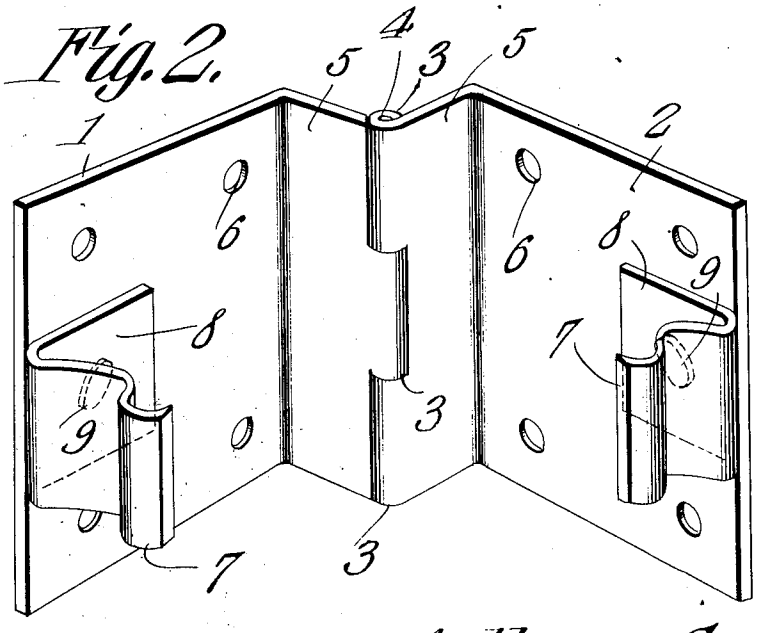


Fig. 2.



Inventor

Anthony Gen.

By C. A. Snow & Co.

Attorneys

Witnesses

E. F. Clement

John A. Finegan.

UNITED STATES PATENT OFFICE.

ANTHONY GEN, OF BUNKIE, LOUISIANA.

BLIND-HINGE.

No. 919,154. Specification of Letters Patent. Patented April 20, 1909.

Application filed October 17, 1908. Serial No. 458,260.

To all whom it may concern:

Be it known that I, ANTHONY GEN, a citizen of the United States, residing at Bunkie, in the parish of Avoyelles and State of Louisiana, have invented a new and useful Blind-Hinge, of which the following is a specification.

This invention relates to hinges and more particularly to the kind used for supporting blinds.

It has for its object to provide a hinge of that type designed to lock the blind to which it is applied in closed position.

Another object is to provide a device simple in construction and comparatively inexpensive to manufacture embodying few parts and these so arranged as to reduce the tendency of derangement to a minimum.

With these and other objects in view as will more fully hereinafter appear the present invention consists in certain novel details of construction and arrangement of parts hereinafter fully described, illustrated in the accompanying drawings and more particularly pointed out in the appended claims, it being understood that various changes in the form, proportion, size and minor details of the device may be made without departing from the spirit or sacrificing any of the advantages of the invention.

In the accompanying drawings forming part of this specification, Figure 1 is a sectional plan view of a window frame and shutter showing the device applied thereto. Fig. 2 is a perspective view of the hinge.

Similar numerals of reference are employed to designate corresponding parts throughout.

In carrying out the invention I connect the leaves with the usual pintle and on the inner face of each leaf is disposed a lug. These lugs are constructed to engage each other when the inner faces of the leaves are brought adjacent each other.

The leaves 1 and 2 may be of any desired metal and are provided on their inner edges with the usual pintle knuckles 3, arranged to interlock in the usual manner, such as by providing one leaf with a pair of spaced knuckles disposed one adjacent either end of the leaf, and the other of said leaves with an intermediate knuckle adapted to fit between the spaced knuckles, the usual pintle 4 enters the openings of the knuckles and holds them connected in the usual manner. A portion of each leaf adjacent its inner or connected end is bent throughout its entire length inwardly, and at right angles to the inner face of the leaf and parallel to the pintle 3 forming an offset 5 The outer faces of these offset portions are designed to be coincident with the outer faces of the window frame and blind when the leaves are secured in place as shown by Fig. 1. The width of the main portion of each leaf is substantially equal to the thickness of the blind and is provided with the usual screw holes 6.

Riveted or otherwise secured to the inner face of each leaf is a locking lug preferably formed of a single piece of resilient metal of oblong shape and rectangular in cross section, bent horizontally and at right angles to form arms 7 and 8 of equal length. The arm 8 of one lug is provided with an opening to receive a rivet 9 by means of which it is secured to the intermediate portion and on the inner face of the leaf in such a position that the arm 7 will project inwardly with its outer face lying substantially in a plane with the outer edge of the leaf. The arm 8 of the opposite lug is similarly secured to the other leaf but a trifle farther outward so that the inner face of its inwardly projecting arm 7 will lie substantially in a plane with the outer edge of the leaf. Each of the arms 7 is corrugated in the direction of its width and the length of each arm is substantially the same as the width of the offset portions 5 adjacent the pintle, so that when the leaves are closed as shown by Fig. 1 they will be parallel and the inner face of the corrugated arm 7 of one lug will bear on the similarly formed arm of the other lug. It can be readily seen when the parts are in this position the blind will be securely fastened and when it is desired to open the same a push outward on the blind will be sufficient to overcome the tension of the arms 7.

What is claimed is:—

1. A blind hinge comprising a pair of leaves substantially right angular in cross section, each of said leaves being provided on its inner face with a locking member, said locking members being constructed to engage each other when the leaves are closed, whereby the blinds are held in closed position.

2. A blind hinge comprising a pair of leaves substantially right angular in cross section, each of said leaves being provided on its inner face with a resilient locking member, said locking members being constructed to

engage each other when the leaves are closed, whereby the blinds are yieldingly held in closed position.

3. A blind hinge comprising a pair of leaves, each of said leaves being provided on its inner face with a resilient locking member sinuous in longitudinal section, said locking members positioned to engage each other when the leaves are closed, whereby the blinds are yieldingly held in closed position.

4. A blind hinge comprising a pair of leaves substantially right angular in cross section, each of said leaves being provided on its inner face with a resilient locking member sinuous in longitudinal section, said locking members positioned to engage each other when the leaves are closed, whereby the blinds are held in closed position.

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

ANTHONY GEN

Witnesses:
E. R. GRIFFIN,
E. P. GOLL.