

(No Model.)

G. W. McGILL.
SUSPENSION DEVICE.

No. 346,300.

Patented July 27, 1886.

Fig. 1.

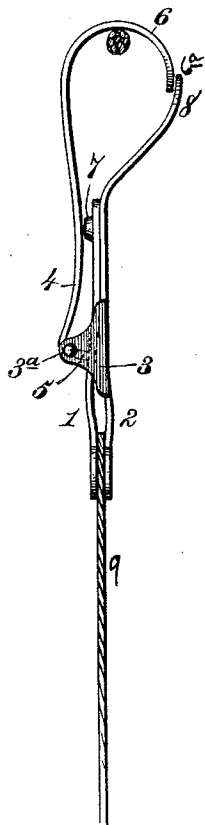
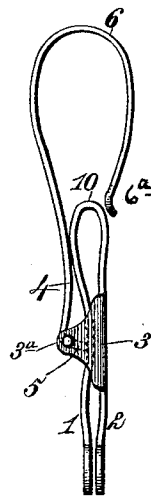


Fig. 2.



Witnesses,

Phot. Engraving.

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UNITED STATES PATENT OFFICE.

GEORGE W. MCGILL, OF NEW YORK, N. Y.

SUSPENSION DEVICE.

SPECIFICATION forming part of Letters Patent No. 346,300, dated July 27, 1886.

Application filed May 25, 1886. Serial No. 203,252. (No model.)

To all whom it may concern:

Be it known that I, GEORGE W. MCGILL, a citizen of the United States, residing at New York, in the county of New York and State of New York, have invented new and useful Improvements in Suspension Devices, of which the following is a specification.

My invention relates to those suspension clips or devices which are used for suspending and exhibiting cards, pictures, or articles of various character in stores and other places.

It is the object of my present invention to improve the construction of these devices in order to prevent the liability of their being detached from the wire, cord, or other means of suspension, either by accidental disturbance or by agitation produced by wind or by an artificial current of air, such as the heated draft from a register or the blast from a ventilator.

To this end my invention consists in certain improvements upon the invention contained in Letters Patent granted to me April 27, 1886, No. 340,803.

Referring to the drawings forming part of this application, Figure 1 is a side elevation illustrating my invention. Fig. 2 is a similar view showing a modification.

In the said drawings, the reference-numerals 1 and 2 designate the clamping-jaws, which may be formed of two separate pieces of metal, as in Fig. 1, or of a single continuous piece bent upon itself, as in Fig. 2. Upon the rear jaw, 2, are formed projecting ears or flanges 3, which embrace the front jaw, 1, and to the extremities 3^a of said ears is pivoted a lever, 4, which is provided with a cam, 5, which may be caused to bear against the outer face of the front jaw, 1, and clamp it against the rear jaw, said cam being shown in dotted lines in the drawings. The lever 4 extends a suitable distance beyond the end or ends of the jaws, and is curved to form a hook, 6. Upon the upper end of the front jaw, 1, is formed a boss or head, 7, which rests against the lever 4, and serves to retain the jaws in substantial parallelism with the lever. If desired, this boss can be formed upon the lever instead of upon the jaw.

The hook 6 serves to suspend the device from a cord, wire, or other device, and in order to effectually prevent its accidental detachment therefrom I extend the end of the rearward jaw, 2, and curve it back sufficiently to cause its extremity 8 to lie just over the point of the hook, as shown in Fig. 1. By this means the suspension device 9 is entirely inclosed, and the hook can only be detached therefrom by either turning the jaws upon their pivotal point 3^a or by springing the guard-piece 8 outward.

As already remarked, I may form the jaws of a single piece of metal, bent upon itself to bring its extremities together, forming jaws, and having a loop, 10, Fig. 2, one side of which bears against the lever 4, and holds the jaws in proper position, thereby doing away with the boss or head 7. When this form is adopted I extend the point 6^a of the hook 6 until it rests upon the back of the loop 10 near its point. In this case the wire, cord, or other suspending device 9 is inserted by springing the hook outward, although it might also be accomplished by swinging the jaws upon their pivotal point, as in the case already mentioned.

By the construction shown and described, the objections heretofore experienced with this class of devices from their constant liability to accidental detachment from the suspending device are entirely overcome, while the construction is, at the same time, very simple and inexpensive, as it involves but very little additional labor or material for the manufacture.

Having thus described my invention, what I claim is—

1. A suspension device composed of two connected spring-jaws, one provided with side lugs or ears, and a cam-lever pivotally connected with said lugs, and having its free end bent into a hook, which projects longitudinally beyond and laterally over the end or ends of the jaws, one of the parts composing said device being prolonged until it meets the other connected part, whereby the opening of the hook is closed, substantially as described.

2. A suspension device composed of two
connected spring-jaws, one provided with
side lugs or ears, and a cam-lever pivoted to
the projecting ends of said lugs, and having
5 its free end bent into a hook, one of the said
jaws being prolonged until it meets and lies
upon the point of the said hook, substantially
as described.

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

GEORGE W. MCGILL.

Witnesses:

JAMES L. NORRIS,
GEORGE W. REA.