D. S. WILLIAMS.

SUPPORTING DEVICE.

APPLICATION FILED FEB. 26, 1907.

1,099,137. Patented June 2, 1914.

Fig. 1.

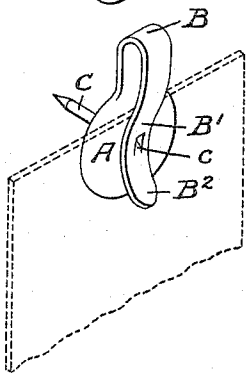


Fig. 3.

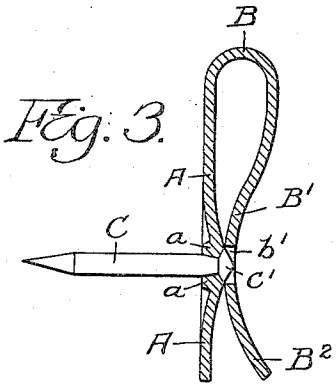


Fig. 4.

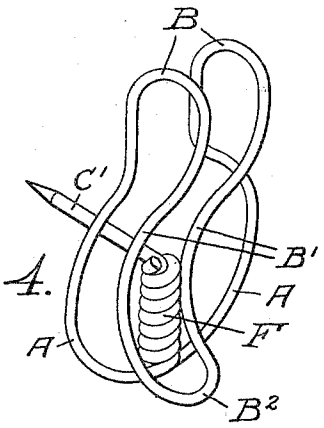
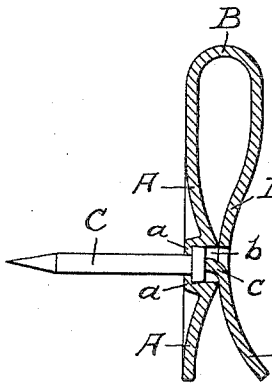


Fig. 2.



WITNESSES

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DAVID S. WILLIAMS, OF GLENSIDE, PENNSYLVANIA; BELLA D. WILLIAMS, EXECUTRIX OF SAID DAVID S. WILLIAMS, DECEASED, ASSIGNOR OF ONE-HALF TO WILLARD C. HOSBACH, OF PHILADELPHIA, PENNSYLVANIA.

SUPPORTING DEVICE.

1,099,137. Specification of Letters Patent. Patented June 2, 1914.

Application filed February 26, 1907. Serial No. 359,485.

To all whom it may concern:

Be it known that I, DAVID S. WILLIAMS, a citizen of the United States, residing at Glenside, in the county of Montgomery and State of Pennsylvania, have invented certain new and useful Improvements in Supporting Devices, of which the following is a specification.

My invention relates to a clip pin or supporting device for holding one or more sheets of paper upon a drawing board or desk, or for supporting a picture, card, photograph, or other light object, upon the wall in such manner that said object can be readily removed and replaced without detaching the device from its means of support.

In the accompanying drawing—Figure 1 illustrates a perspective view of my improved supporting device with the dotted outline of an object such as a card held thereby; Fig. 2 is a vertical section taken through the center of said supporting device but on a larger scale than Fig. 1; Fig. 3 is a view similar to Fig. 2 but illustrating a slight modification of the invention, and Fig. 4 is a perspective view illustrating still another modification.

Referring to Figs. 1 and 2 of the drawing A represents the base or body portion of the device which is preferably made of pressed steel, and B represents an upward extension projected some distance beyond the body portion but integral therewith and bent or folded to form a loop. The portion B after being bent to form a loop is curved inwardly as shown at B′ until this member of the device presses against the base or body portion A and it is then again curved outwardly as shown at B^2 so as to form a handle by which said member B′ can be drawn away from the body portion in order to facilitate the insertion or withdrawal of the card or other object to be held. The base or body portion A is provided with a supporting pin C for the purpose of attaching the device to a board, table, wall, or other support, such pin C being held firmly in place by means of a flange *a* on the body engaging the head of the pin. The base or body A has centrally located therein, in line with the axis of the pin C, an opening *b* for the reception of a tongue *c* bent inwardly from the member B′, said tongue and opening serving to increase the grip of said member B′ upon the card or object to be supported.

In Fig. 3 I have shown what is practically a reversal in the position of the opening and tongue from that represented in Fig. 2, the opening *b*′ being formed in the member B′ and the tongue for entering said opening being formed on the base A, preferably by extending the head of the pin C so that it projects beyond the face of said base A sufficiently to enter the opening, as shown at *c*′.

In Fig. 4 I have shown a perspective view of a device embodying the characteristics of my invention but made from a single piece of wire, one end of which is adapted to form a supporting pin C′ around which the opposite end is coiled as shown at F, this coil constituting the equivalent of the tongue *c* and entering the opening between the two wires constituting the member B′ of the support.

I claim:

A clip pin having a base portion and a loop integral therewith overlapping the base portion and pressed toward the same by its own elasticity, one of said members having a projection thereon and the other having an opening to receive said projection, and the base member being provided with a rearwardly projecting supporting pin rigidly secured thereto and adapted to be pressed into a wall or other structure, said pin occupying a position in line with said opening and projection.

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

DAVID S. WILLIAMS.

Witnesses:

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ARNOLD KATZ.