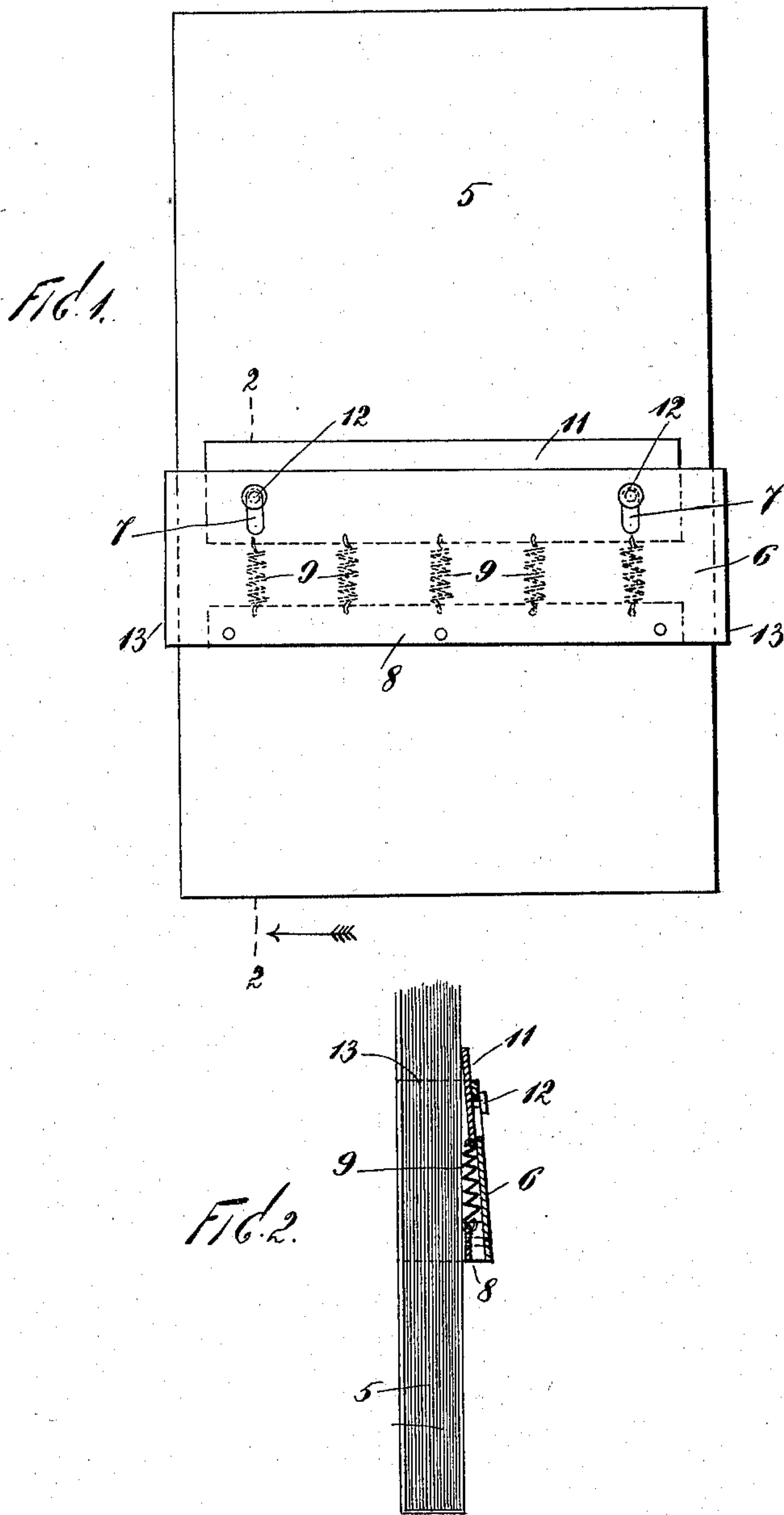


(No Model.)

E. F. BLACK.  
ATTACHMENT FOR WRITING PADS.

No. 589,955.

Patented Sept. 14, 1897.



WITNESSES.  
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# UNITED STATES PATENT OFFICE.

EDITH FERGUSON BLACK, OF SAN ANTONIO, CALIFORNIA.

## ATTACHMENT FOR WRITING-PADS.

SPECIFICATION forming part of Letters Patent No. 589,955, dated September 14, 1897.

Application filed April 15, 1897. Serial No. 632,296. (No model.)

*To all whom it may concern:*

Be it known that I, EDITH FERGUSON BLACK, a citizen of the United States, residing at San Antonio, in the county of San Bernardino and State of California, have invented certain new and useful Improvements in Attachments for Writing-Pads, of which the following is a full and complete specification, such as will enable those skilled in the art to which it appertains to make and use the same.

This invention relates to attachments for writing-pads, and particularly to devices of this class which are adapted to be used by the blind or those suffering with bad eyesight and also by those who have diseased or afflicted eyes and who are necessarily confined, for a portion of the time at least, in darkened rooms.

The invention is fully disclosed in the following specification, of which the accompanying drawings form a part, in which—

Figure 1 is a plan view of my improved writing-pad attachment and a pad on which it is placed, and Fig. 2 a section on the line 2 2 thereof.

In the drawings forming part of this specification the separate parts of my improvement are designated by the same numerals of reference in each of the views, and in said drawings I have shown at 5 an ordinary writing-pad, and in the practice of my invention I provide an attachment which comprises an oblong plate 6, adjacent to one edge of which are formed transverse slots 7, which are preferably about a quarter of an inch long, but which may be of any desired length, and on the bottom of the plate 6 and at the opposite side thereof is secured a plate or strip 8, with which are connected fine expansive spiral springs 9, and mounted beneath the side of the plate 6, opposite the strip or plate 8, is a transversely-movable plate 10, with which the springs 9 are connected, and the plate 11 is connected with the plate 6 by headed pins 12, which pass through the slots 7.

The strip or plate 8 is held at a distance from the edge of the plate 6, with which it is connected, so as to slightly raise said edge above the opposite edge, or said strip or plate 8 may be made thick enough to accomplish this result, and the plate 11 and the strip or plate 8 may be so formed as to give the springs

9 a chance to operate without pressing upon the writing-pad.

The ends of the plate 6 are bent downwardly, as shown at 13, to form end flanges in order to hold said plate in proper position on the pad and to insure regularity of spacing, and the plate 6 constitutes a hand-rest, and the operation will be readily understood from the foregoing description when taken in connection with the accompanying drawings and the following statement thereof.

In the normal position of the parts the plate 11 is projected, as shown in Fig. 1 in the drawings, and said plate is adapted to be moved backwardly beneath the plate 6, and the extent of the movement of the plate 11 is preferably from a quarter to a half inch.

In writing the attachment is placed upon the upper end of the pad, and the plate 11 serves to guide the pencil or pen in the formation of the letters, and whenever it is necessary to make a letter which is projected below the line sufficient pressure is applied to the pencil or pen to move the plate 11 backwardly beneath the hand-rest, and in this operation the lower portion of the letter is formed and the plate immediately moves forward to the line on which said letter is formed.

As line after line is written the attachment is moved down over the pad, as will be readily understood, and this device may be held in one hand and the pad and the attachment may be held in the left hand, while the writing is done with the right hand, and my improved pad may be thus used without a table or other support.

My improved attachment for writing-pads is simple in construction and operation, and it will be apparent that changes in and modifications of the construction herein described may be made without departing from the spirit of my invention or sacrificing its advantages.

Having fully described my invention, I claim as new and desire to secure by Letters Patent—

1. An attachment for writing-pads consisting of an oblong plate, and a transversely-movable spring-operated plate mounted beneath one side thereof, and adapted to be projected therefrom, substantially as shown and described.



2. An attachment for writing-pads consisting of a main oblong plate in one side of which are formed short transverse slots or openings, a transversely-movable plate mounted there-  
5 under, and connected therewith by pins which pass through said slots or openings and springs connected with the bottom of said oblong plate by which said movable plate is projected, substantially as shown and described.
- 10 3. An attachment for writing-pads consisting of a main oblong plate in one side of which are formed short transverse slots or openings, a transversely-movable plate mounted there-  
under, and connected therewith by pins which pass through said slots or openings and  
15 springs connected with the bottom of said oblong plate by which said movable plate is projected, said oblong plate being also provided at each end with downwardly-directed flanges,  
substantially as shown and described. 20
- In testimony that I claim the foregoing as my invention I have signed my name, in presence of the subscribing witnesses, this 7th day of April, 1897.
- EDITH FERGUSON BLACK.
- Witnesses:  
GEORGE B. HARDING,  
MARTIN V. McQUIGG.