

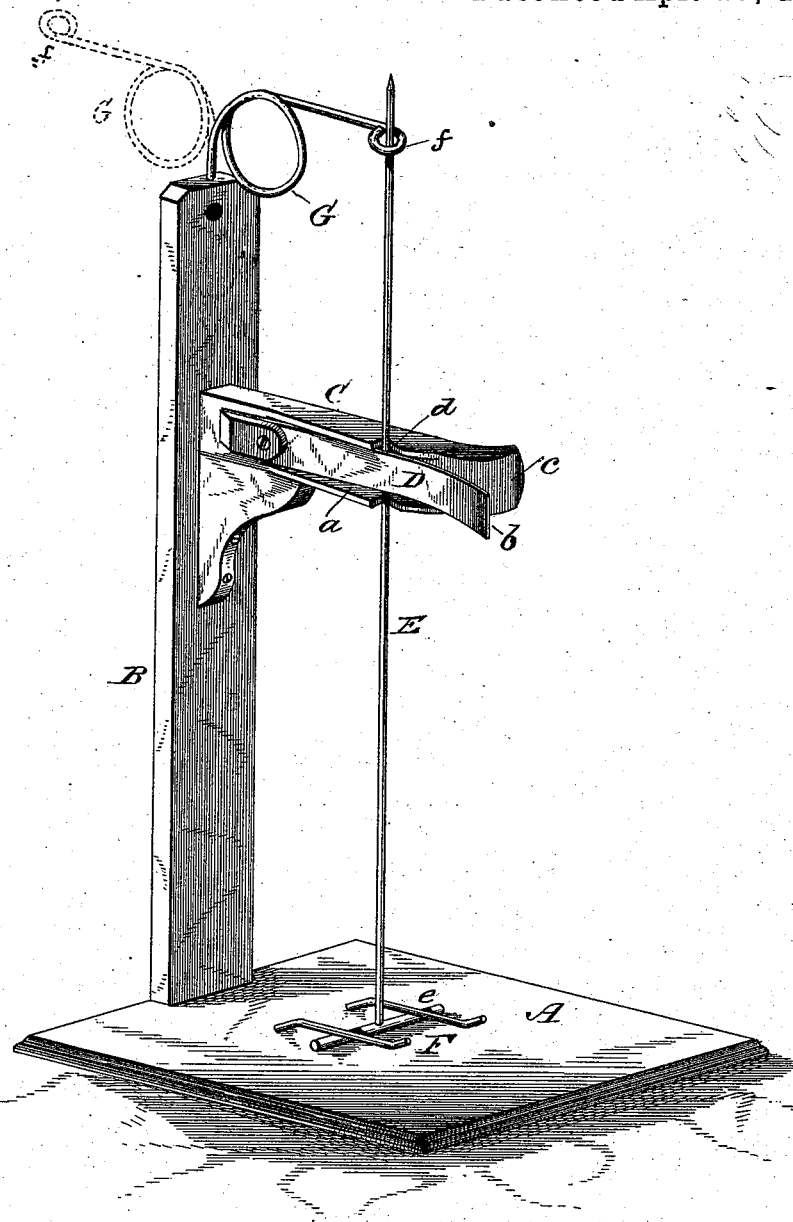
(No Model.)

W. E. ELAM.

DEVICE FOR STRINGING AND FILING PAPERS.

No. 381,351.

Patented Apr. 17, 1888.



Witnesses,

*Albert Speiden.*  
*L. L. Miller.*

Inventor,

*William E. Elam.*

By *his* Attorney,

*Chas. T. Fowler.*

# UNITED STATES PATENT OFFICE.

WILLIAM ERWIN ELAM, OF PORT ROYAL, SOUTH CAROLINA.

## DEVICE FOR STRINGING AND FILING PAPERS.

SPECIFICATION forming part of Letters Patent No. 381,351, dated April 17, 1888.

Application filed August 16, 1887. Serial No. 247,080. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM ERWIN ELAM, a citizen of the United States, residing at Port Royal, in the county of Beaufort and State of South Carolina, have invented certain new and useful Improvements in Devices for Filing and Stringing Papers; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawing, making a part of this specification, and to the letters and figures of reference marked thereon.

The present invention has relation to devices for stringing and filing papers, and is designed as an improvement upon my former patent, granted August 5, 1884, No. 302,989; and it consists in the details of construction, substantially as shown in the drawing, and hereinafter described and claimed.

In the accompanying drawing, which represents a perspective view of my invention, A represents a suitable base provided with a standard, B, said standard having an arm, C, extending at right angles thereto and over the base above described.

The base, standard, and arm may be of any desirable construction and of any suitable design or shape found best adapted to the purpose. The arm C is formed with a recess, *a*, in which is seated a spring-latch, D, bent outwardly at its extremity, as shown at *b*, the extremity of the arm being also curved outwardly, as shown at *c*, to conform to the curvature of the spring-latch to facilitate the introduction of the stringing-wire E into the notched portion *d* of the arm and between it and the latch, the latter holding the wire in position when placing papers thereon. The stringing-wire E at its lower end has a cross-bar, *e*, which is slipped under a holding device, F, preferably formed of wire, and secured in any suitable manner to the base A. This in connection with the spring-latch and arm holds the wire E firmly in an upright position, said wire at its upper extremity being pointed to facilitate perforating the papers when placed on the wire.

By attaching the holding device F to the base of the device, instead of to the standard, as in my former patent, a perfectly straight stringing-wire may be used and held in an upright

position, thereby facilitating the filing of the wire with papers.

To the upper end of the standard B is suitably connected a laterally-swinging guard, G, preferably constructed of spring-wire, the free end thereof extending outwardly at right angles to the stringing-wire, as shown. When not required for use, the guard can be swung out of the way, as shown in dotted lines, said guard having an eye at its free end, through which the end of the stringing-wire can project when it is found necessary to make a more perfect connection between the two, the eye *f* being formed by bending the wire into a ring, as shown. When the stringing-wire is in position, as shown, the device is ready for use, the eye *f* being first disengaged therefrom, after which the papers can be slipped on the pointed end of the wire and pressed down against the arm C, and when the space between the guard and arm is nearly filled with papers the stringing-wire is slipped from between the latch D and arm C and the papers passed down to the base A, or as far as the condition of the device will admit. When the eye is not engaged with the stringing-wire, the guard will yield sufficiently to allow the papers to pass down to the arm C, the guard being capable of use in either way, as found desirable, and when the stringing-wire is filled with papers it can be removed and a new one inserted in its place.

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

1. In a device for stringing and filing papers, a suitable base provided with an upright, in combination with a stringing-wire and a pivoted or laterally-swinging guard connected to the upright, and operating substantially as and for the purpose set forth.

2. In a device for stringing and filing papers, a suitable base having a holding device connected thereto and provided with an upright having a horizontally-extending arm and a latch, in combination with an upright stringing-wire having a cross-bar at one end, substantially as and for the purpose specified.

3. In a device for stringing and filing papers, the combination, with a stringing-wire provided with a cross-bar at its lower end, of a

suitable base and standard, the latter having a horizontally-extending arm provided with a spring-latch for holding the stringing-wire in an upright position, substantially as and for the purpose set forth.

4. In a device for stringing and filing papers, a suitable base provided with an upright having a horizontally-extending arm and means for holding a stringing-wire thereto, and a spring-guard attached to said upright and operating substantially as and for the purpose specified.

5. In a device for stringing and filing papers, the combination, with the stringing-wire having a cross-bar at its lower end, of a holding device secured to the base of the device, a spring-latch upon a horizontal arm extending from the upright of the base, and a spring-guard, substantially as and for the purpose described.

6. In a device for stringing and filing papers,

the combination, with a stringing-wire provided with a cross-bar at its lower end, of an arm extending horizontally from the upright of the device and having a recess and a notch, and a spring-latch seated in said recess, both spring and arm at their extremities being curved outwardly, as shown.

7. In a device for stringing and filing papers, the combination, with a detachable stringing-wire, of a guard therefor, having an eye with which the point of the wire engages, substantially as and for the purpose specified.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

WILLIAM ERWIN ELAM.

Witnesses:

CHAS. J. COLCOCK, Jr.,  
W. G. HAMMOND.