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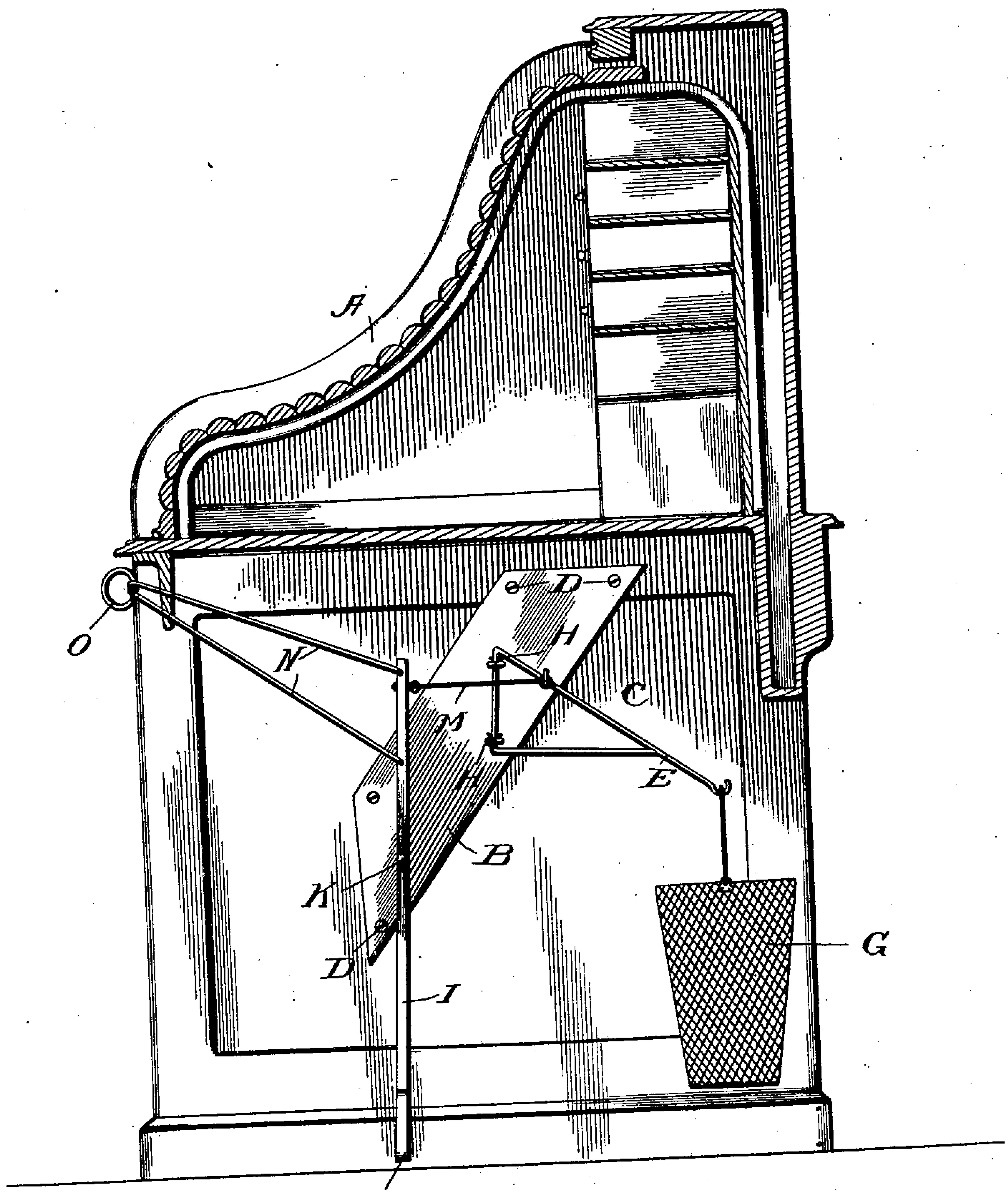
Patented July 2, 1901.

A. S. BUSSELLE.

BASKET ATTACHMENT FOR DESKS.

(Application filed Mar. 22, 1901.)

(No Model.)



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ARTHUR S. BUSSELLE, OF OTTUMWA, IOWA.

BASKET ATTACHMENT FOR DESKS.

SPECIFICATION forming part of Letters Patent No. 677,634, dated July 2, 1901.

Application filed March 22, 1901. Serial No. 52,410. (No model.)

To all whom it may concern:

Be it known that I, ARTHUR S. BUSSELLE, a citizen of the United States, residing at Ottumwa, in the county of Wapello and State of Iowa, have invented certain new and useful Improvements in Basket Attachments for Desks; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to certain new and useful improvements in desk attachments, and has for its object to provide a waste-paper basket attachment of such character that the basket when in position shall be out of sight and likewise out of interference with the leg-room usually provided underneath the desk and yet capable of being brought into position where it can be utilized for the disposition therein of waste paper, &c., and returned automatically to its concealed position, while when necessary it may be readily removed to transport or remove its contents when desired.

With this object in view my invention consists of a swinging arm or crane provided at its free end with a hook, upon which a bail or cord attachment to the basket may be suspended, said arm or crane being attached to one of the side walls of the desk in such manner that it may be swung forwardly to give access to the basket and returned automatically to its normal position, as will be hereinafter more fully explained.

In order that those skilled in the art to which my invention appertains may fully understand the construction and operation of my improved attachment, I will proceed to describe the same, referring to the accompanying drawing, which shows an ordinary roller-top desk in central vertical section with my improvements attached thereto.

The desk A may be of any desired pattern, with the usual leg-room thereunder. The design shown is of the roller-top pattern, with drawers or other compartments on one or both sides of the space provided for the legs of a person using the desk.

B is a flat board or support which is secured to the side wall of the leg-space by suitable wood-screws D.

E is a basket-sustaining arm which may be formed of stiff wire of suitable gage or of cast-iron and is preferably made of the triangular design shown to impart to it a sufficient degree of strength with a minimum amount of weight. The outer or free end of the crane or arm is fashioned into a hook F, designed to support a bail or ordinary cord secured to a basket G. The rear vertical end of the crane is secured to the board B by staples H, which constitute, by reason of their relation to the crane and the board B, hinges upon which the crane is adapted to swing or vibrate. The vertical portion of the crane which is embraced by the staples H is preferably formed or provided with annular shoulders or rings adapted to rest upon and be supported by the upper faces of the staples, and the latter are by preference so set with relation to each other and the crane that the weight of the latter alone or supplemented by that of the basket G will cause the crane alone or with the basket to automatically swing or gravitate to the rear, as shown in the drawing.

I is a rod or lever pivoted at K to the board B and provided at its lower end with any suitable foot-pedal L and connected at its upper end with the lateral arm or extension of the crane by a link, rod, chain, or cord M in any preferred manner, and so that when the parts are in their normal position shown the crane may be swung upon its hinge-bearings to bring the basket G forward and into position for use by placing the foot against the pedal L and vibrating the lever I upon its pivot in an obvious manner, and when the foot is withdrawn from the pedal the weight and gravity of the crane and basket will restore all parts to their normal position.

In addition to the foot-pedal L at the lower end of the lever I the latter may also be provided at its upper end with a rod, chain, or cord (single or double) N, passing over a pulley or through an ordinary screw-eye secured to the front of the desk underneath the top and provided with any suitable knob O in order that the crane and basket may be swung forwardly without pressing with the foot against the pedal L.

While I have shown the crane C secured, as described, to a board B, adapted to be at-

tached to the desk by screws, as described, it will be understood that I do not wish to be limited to the employment of the board B, as under some circumstances the arm or crane C may be pivotally secured directly to the side wall of the desk by locating the hinges or staples H therein; but I prefer in most cases to employ the board B, for the reason that the attachment as a whole may be assembled in proper adjustment and as an article of manufacture requiring only ordinary skill in securing it to a desk by the employment of a suitable number of ordinary screws.

I do not wish to be confined to any particular form or design of the hinge connections, as they may be varied, nor do I wish to be confined to so locating said hinges with reference to the crane C that the latter will gravitate to the rear, for although I prefer to do so to secure automatic action it will be readily understood that if the connection M between the upper end of the lever I and the crane C be stiff and non-flexible the crane and basket may be returned to the rear or normal position by the reverse movement of the lever I. I also wish it to be understood that while I have shown the lever I provided with the foot-pedal L and also the hand device O for vibrating said lever I may use either one of said devices in the absence of the other.

The generic feature of my invention rests in the broad idea of a swinging crane or arm attached to the side wall of the desk and provided with means for supporting a basket in an elevated position and provided with means for operating the crane to bring the basket forward and restore it to its normal position.

While my improved crane attachment is especially designed for employment in connection with an ordinary waste-paper basket, it will be obvious that any other receptacle may be attached in a similar manner to the end of the crane.

Having described the construction and operation of my improved desk attachment, what I claim as new, and desire to secure by Letters Patent, is—

1. In combination with the side wall of a desk a crane or arm adapted to support a basket or other receptacle at its outer or free end, and hinged at the opposite end to the desk, and an operative vibrating lever pivoted to the desk and connected at its upper end with the swinging crane, substantially as and for the purpose set forth.

2. In combination with the swinging crane C secured to the board B a lever I pivotally connected to the board B and having its upper end linked with the swinging arm of the crane, and means substantially as described for vibrating the lever I, as and for the purposes set forth.

3. The combination and arrangement of the basket-supporting crane C, hinged to the desk A, the lever I pivotally connected with the desk, and at its upper end to the crane by a link M, a foot-pedal L at the lower end of lever I, and the operating devices N O at the upper end, whereby the crane may be operated by the hand or foot, substantially as hereinbefore set forth.

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

ARTHUR S. BUSSELLE.

Witnesses:
M. E. BRAY,
GEO. F. HEINDEL.