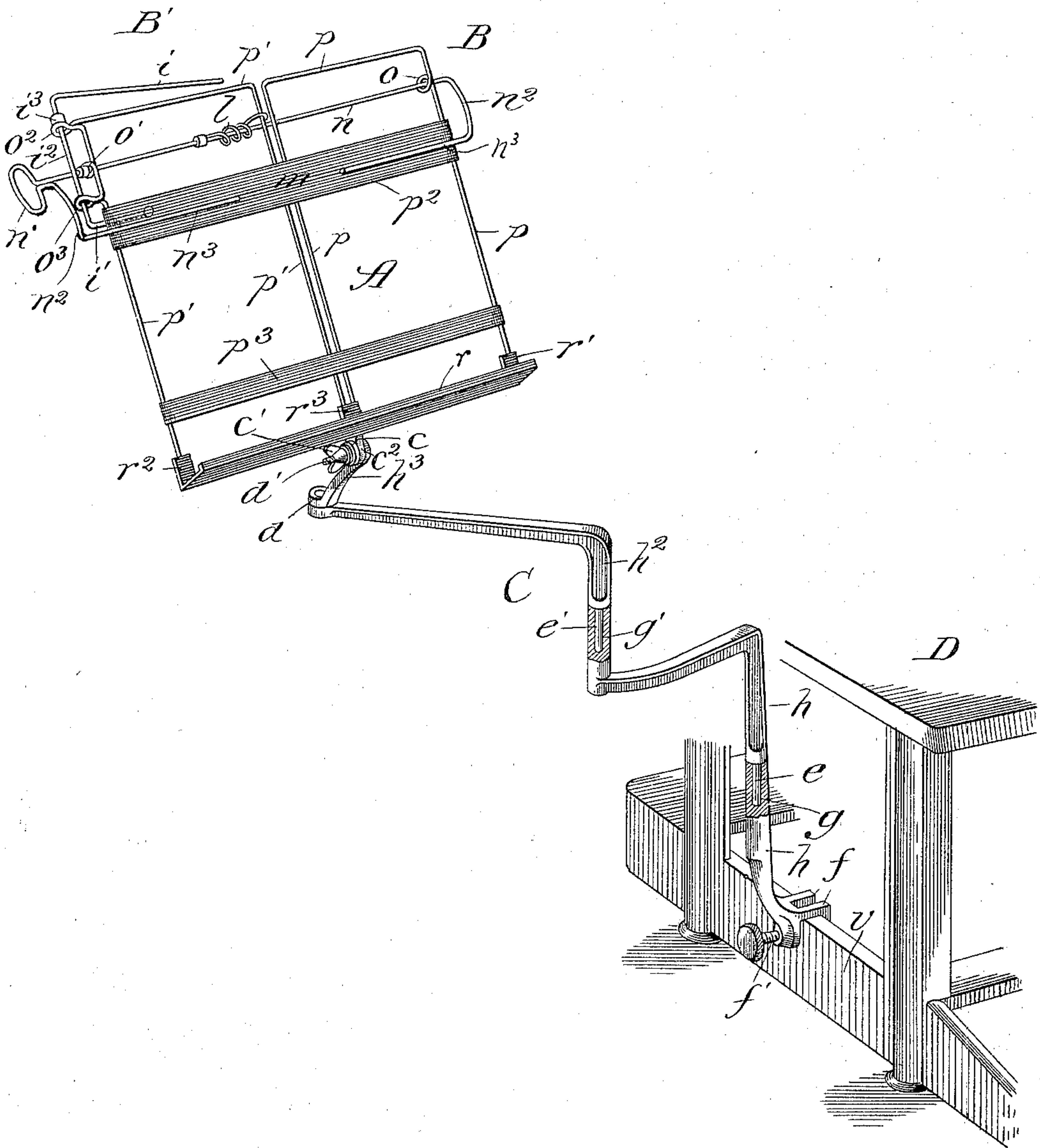


(No Model.)

J. C. I. WILSON.
COPY HOLDER.

No. 598,689.

Patented Feb. 8, 1898.



Witnesses:
C. S. Gaylord,
L. J. Allen

Inventor:
James C. I. Wilson,
By Dyrenforth & Dyrenforth,
Attys.

UNITED STATES PATENT OFFICE.

JAMES C. I. WILSON, OF CHICAGO, ILLINOIS.

COPY-HOLDER.

SPECIFICATION forming part of Letters Patent No. 598,689, dated February 8, 1898.

Application filed March 31, 1897. Serial No. 630,142. (No model.)

To all whom it may concern:

Be it known that I, JAMES C. I. WILSON, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a new and useful Improvement in Type-Writer Copy-Holders, of which the following is a specification.

My invention relates to an improvement in the class of copy-holders carried by jointed brackets, through the medium of which they are adapted to be attached to type-writing machines and swung thereon for their adjustment to different positions.

More particularly stated, my invention in the class of copy-holders referred to relates to improvement of the features of the spring-clamp for holding the copy (book or sheet) and a leaf-clamp adjunct.

The accompanying drawing shows my improvement by a perspective view as operatively applied to a type-writing machine, of which a broken portion is represented.

A is the support for the copy, which I prefer to form of the construction illustrated. The construction shown of the support A is as follows: From the opposite ends of the rear edge of a ledge r there project upward the single sockets r^1 and r^2 , and from the same edge, at a point midway between the end sockets, there projects upward the double socket r^3 . An adequately stiff wire p is bent upon itself into the shape of a rectangle to form one half of the back of the support, with one end fastened in the socket r^1 and the other end fastened in one of the holes of the socket r^3 , and the length of this wire forming a side of the support is bent near its upper end to form a laterally open bearing-loop o for a purpose hereinafter described. A similarly-bent wire p' forms the other half of the support by having one end fastened in the socket r^2 and the other end fastened in the adjacent hole of the socket r^3 , and the outer side of this support-section is bent upon itself to form a bearing-loop o' , like the loop o and in horizontal alinement therewith, and it is also bent above and below the loop o' to form the vertically-open bearing-loops o^2 and o^3 in alinement with each other. The wires p and p' are reinforced by the upper and lower cross-strips p^2 and p^3 , which may be formed of thin

sheet metal. The parts p , p' , p^2 , and p^3 thus form the back of the copy-support.

B is a clamp which may be formed out of a single length of adequately stiff wire, affording the straight rod portion n or back of the clamp, at which it is journaled in the loops o and o' , the handle n' , by which to manipulate the clamp, the forwardly-bulging vertical shoulders n^2 , and the clamping-arms n^3 , extending toward each other from the lower ends of the shoulders along the reinforcing-strip p^2 , but short of the center thereof to leave them separated by a space m between their ends. A spring l , connecting the clamp with the support A, as shown or otherwise, imparts to it yieldingly its clamping function, in performing which against the matter to be held, which is inserted for the purpose between the clamp B and the back of the copy-support A, the clamp forms a species of spring-jaw coöperating with the back of the support, which forms, as it were, a stationary jaw. By providing this vertically-swinging clamp with the separated clamping ends a copy-book which opens along its shorter edge and one opening along its narrower edge may be adjusted with equal facility in the clamp through the space m , and the holding effect of the clamp is enhanced by the bulging construction of the shoulders n^2 .

B' is a resilient leaf-holding adjunct of the clamp, shown as formed of a length of springy wire bent upon itself to afford the arms i and i' , connected by a back i^2 , at which the device is journaled in the loops o^2 and o^3 , being sustained by a stop i^3 , and the arm i' extends at the back of the strip p^2 , with which it is connected, and the arm i extends above and along the top of the support in position to stop from flying back a leaf or the section of a book turned over the top of the support. To permit turning a book-leaf over the top of the support, the wire i should first be turned backward out of the way and released to fly back after the leaf has been adjusted to obstruct or hold it against returning.

C is the supporting-bracket for the support A. It may comprise any desired number of sections jointed together to swing horizontally. As shown, the bracket is formed with four sections h , h' , h^2 , and h^3 . The section

5 h has a rigid claw f at one end, at which it fits over a lower side bar v of the frame of a type-writing machine D and upon which it is fastened by a thumb-screw f' , and on the other end of this section is a socket g to receive the pintle e on one end of the Z -shaped section h' , the opposite end of which contains a socket g' to receive the pintle e' on one end of the L -shaped section h^2 , the opposite end of which is connected pivotally with the vertically-opening eye d on one end of the section h^3 , having a horizontally-projecting threaded stem d' at its opposite end. The connection of the bracket C with the support A is made at the stem d' on the section h^3 by passing the stem through a horizontal opening in the lug c , projecting from the center of the rear edge of the ledge r , and clamping the parts together by means of a thumb-nut c' , applied to the stem against a washer c^2 thereon.

By the described connection of the jointed bracket with the support A when the device is attached to the machine D with the support overhanging the latter the support may be turned down on loosening the thumb-nut c' to lie flat against the top of the machine and thus let the desk containing it be closed in the usual manner without obstruction from the copy-holder, which need not be detached, since it drops with the type-writing machine in closing the latter and is brought into position for use upon raising the support A on the stem d' when the machine is raised by opening the desk.

What I claim as new, and desire to secure by Letters Patent, is—

1. In a copy-holder for type-writing machines, the combination of a copy-support, a clamp hinged to said support to swing up and down thereon with relation to its front side and terminating in clamping-arms extending toward each other from opposite sides of the center of said support and separated at their ends to afford between them a copy-insertion space, and a spring connecting said clamp with said support, the spring-controlled clamp and back of the support forming jaws coöperating to hold the copy inserted between them, substantially as described.

erating to hold the copy inserted between them, substantially as described. 50

2. In a copy-holder for type-writing machines, the combination of a copy-support having laterally-open bearing-loops in its opposite sides near its upper end, a clamp comprising the rod n journaled in said loops and having a handle at one end, shoulders n^2 at its opposite ends and arms n^3 extending toward each other across the face of said support and forming between them the copy-insertion space m , and a spring connecting said clamp with said support, the spring-controlled clamp and back of the support forming jaws coöperating to hold the copy inserted between them, substantially as described. 55 60

3. In a copy-holder for type-writing machines, the combination of a copy-support having laterally-open bearing-loops in its opposite sides and in one side vertically-open bearing-loops, a spring-controlled clamp B comprising the rod n , journaled in said laterally-open loops, a handle at one end of said rod and shoulders n^2 at its opposite ends terminating in arms n^3 extending toward each other across the face of said support and forming between them the copy-insertion space m , and a spring-controlled leaf-holder B' journaled in said vertically-open loops and having an arm extending along the top of said support, substantially as described. 65 70 75

4. In a copy-holder for type-writing machines, the combination of a copy-support A comprising the ledge r and back thereon formed of the bent wire p containing the loop o , the bent wire p' containing the loop o' and the reinforcing-strips crossing said wires, and a spring-controlled clamp B comprising the rod n , journaled in said loops, and having a handle at one end and shoulders n^2 at its opposite ends terminating in arms n^3 extending toward each other along the upper reinforcing-strip and forming between them the copy-insertion space m , substantially as described. 80 85 90

JAMES C. I. WILSON.

In presence of—

J. H. LEE,

R. T. SPENCER.