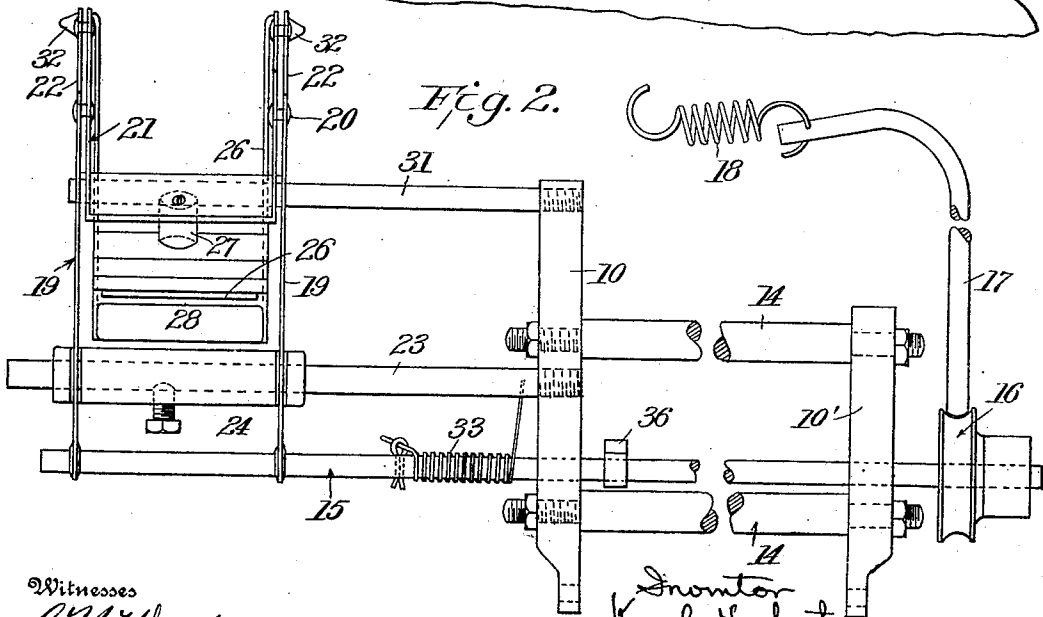
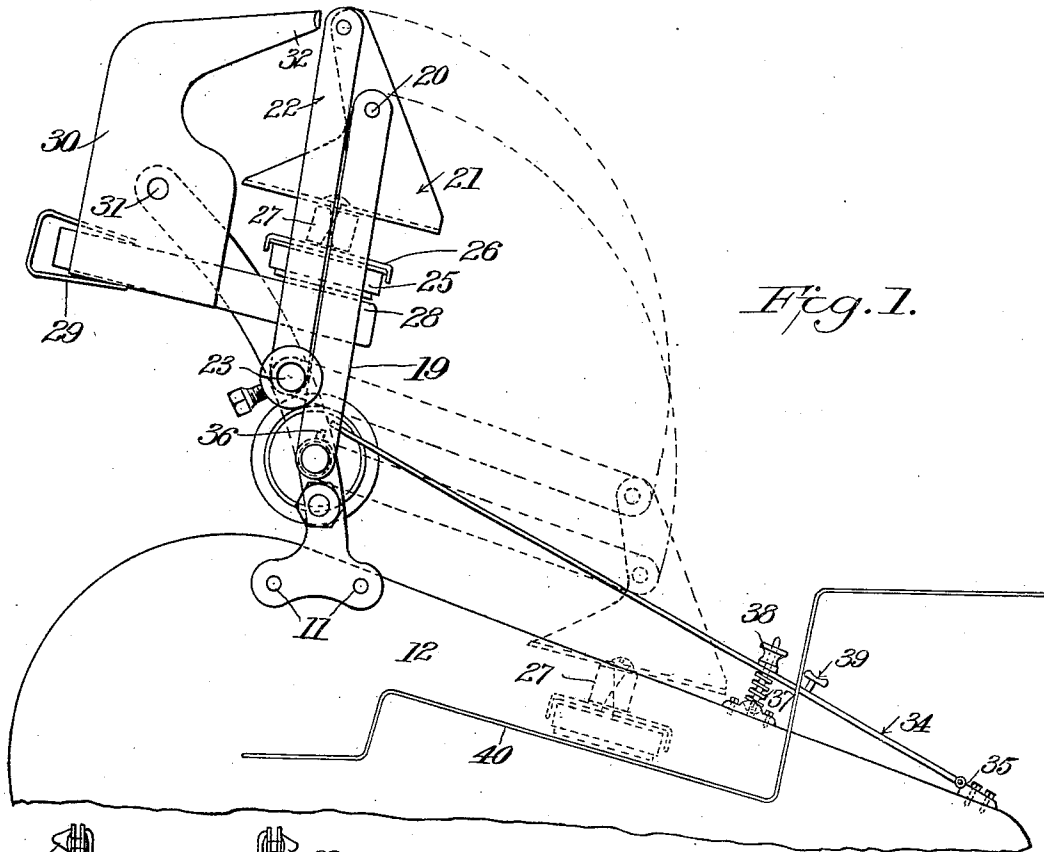


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STAMPING APPARATUS.
APPLICATION FILED JULY 6, 1908.

935,509.

Patented Sept. 28, 1909.



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KARL HUBERT, OF SEATTLE, WASHINGTON.

STAMPING APPARATUS.

935,509.

Specification of Letters Patent. Patented Sept. 28, 1909.

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To all whom it may concern:

Be it known that I, KARL HUBERT, of Seattle, in the county of King, State of Washington, have invented certain new and useful Improvements in Stamping Apparatus, of which the following is a specification.

This invention relates to certain new and useful improvements in stamping apparatus, and pertains more particularly to that class of devices which are used in banking houses and the like for canceling checks, etc. or for otherwise stamping or indorsing checks or similar papers, although I do not desire to limit myself in this particular.

It is well known in banking houses that checks and other negotiable paper received during the course of business are usually listed, the customary and preferred method being to employ one of the well known adding machines for this purpose, after which listing they are stamped or indorsed to indicate method of payment, and the like. Such work usually requires the time of one clerk to do the listing and that of another clerk to do the stamping.

One of the objects of the present invention is to produce a simple and inexpensive stamping apparatus that may be attached to the frame of an adding machine and so connected with the operating lever of the latter as to be operated simultaneously therewith, whereby the same clerk will stamp or indorse the checks as he lists them, and with but little additional time or labor.

A further object is to provide an improved table or support for the checks or other papers to be stamped, and means for always maintaining the stamping pad parallel with said table or support, thereby insuring a perfect impression irrespective of the number of papers that may be supported by said table or support.

A further object is to provide means for automatically inking the pad after each operation.

A further object is to provide means for preventing undue shock upon the parts.

A further object is to provide means for throwing the stamping apparatus out of operation without interfering with the functions of the adding machine.

The invention will be hereinafter fully set forth and particularly pointed out in the claims.

In the accompanying drawing:—Figure

1 is a side elevation illustrating my improved stamping apparatus as attached to the frame of an adding machine or the like. Fig. 2 is a front view thereof.

Referring to the drawing, 10, 10' designate two uprights which are secured at 11 to the frame of an adding machine, shown conventionally at 12, said uprights being united by brace rods 14. It will be noted in this connection, that while I have referred to the part 12 as an adding machine, I do not desire to limit myself in this particular, as said part may equally well represent any other suitable base or support. Mounted in suitable bearings in uprights 10, 10', is a rotatable operating shaft 15 on one end of which is mounted a frictional drive wheel 16, or other suitable driving device, which is engaged by a rod 17, connected through a spring 18 with the operating handle of the adding machine.

Secured to shaft 15 are spaced apart stamp operating arms 19, which are pivotally connected at 20 to the stamp carrier 21, said carrier being supported by arms 22 pivoted upon a stationary shaft 23 supported by upright 10. The arms 22 are separated by a spacing sleeve 24, and it will be noted that the arms 22 are connected to the carrier 21 at a point above the pivotal connection 20. The stamp 25 is mounted in a suitable holder 26, conventionally shown, said holder being spaced from the carrier 21 by a resilient element 27 which will permit the stamp to conform to any irregularities in the surface to be stamped.

The inking pad 28 is secured by means of a suitable clip 29 in a holder 30 pivotally mounted on a rod 31 carried by upright 10, the upper extremity of said holder being provided with fingers or projections 32 arranged to engage the stamp carrier 21. A coiled spring 33 acting on shaft 15 serves to hold said carrier in contact with the finger 32, whereby the pad 28 is held in contact with the stamp when the latter is in its normal or uppermost position.

In order to throw the stamping apparatus out of operation without in any manner interfering with the functions of the adding machine, I have provided a pivoted arm 34 connected to the frame 12 at 35 and arranged to engage a lug 36 on the shaft 15. Said arm is held normally out of engagement with lug 36 by means of a spring 37, the tension of which is regulated by a

thumb nut 38, a suitable button 39 being provided, if desired, to depress said arm 34. The checks or other papers to be stamped are deposited upon a table or support 40 which is slightly inclined whereby the papers will be kept in an even pile or stack which will not readily spread.

In practice, assuming that my improved stamping apparatus is attached to the casing of an adding machine, and it is desired to list and stamp a series of checks, the operator lists the amount of his checks in the usual manner upon the adding machine. As he finishes with each check the latter is deposited upon the table or support 40. After the first check has been placed on said table, and the operator is listing his second check, an operation of the adding machine, causes a pull or tension on the spring 18, which takes up any sudden or undue strain, and transmits the movement to the rod 17, which by reason of its frictional engagement with the wheel 16, effects a rotation of the shaft 15. As said shaft revolves it carries with it the operating arms 19 and the supporting arms 22, thus effecting a depression of the stamp carrier with the face of the stamp in parallel relation with the table 40 at all times, the movement of the parts being sufficient to bring the stamp in contact with the check or other paper deposited on said table, as indicated in dotted lines, Fig. 1. The pad holder 30 is so mounted that the pad is allowed to swing downwardly, thus clearing the stamp as the latter moves toward the table 12. When the tension on spring 18 is released, the spring 33 serves to rotate shaft 15 in a reverse direction to return the stamp carrier to its normal position. The tension of spring 33 is sufficient to cause an impact between the stamp carrier and the finger 32, whereupon the pad holder 30 will swing on its pivot to bring the pad into engagement with the stamp, thereby reinking the latter. This operation is continued until the last check is stamped.

From what has been said it will be observed that I have provided a simple and inexpensive apparatus by means of which a single clerk with but very slight additional labor, may not only list the checks, or other papers in the usual manner, but may also simultaneously stamp the same. It will also be noted that I have provided efficient means for maintaining the stamp always in parallelism with the plane of the table or support for the papers to be stamped, thereby insuring a perfect impression of the stamp irrespective of the height of the stack of papers that might be operated upon. It will be further seen that I have also produced a simple arrangement for reinking the stamp after each operation, and arranged the inking device in such manner as not to interfere with the normal operation of the

apparatus. It will also be observed that I have provided efficient means for throwing the apparatus out of operation when desired, and for preventing undue shock upon the parts.

Having thus explained the nature of my said invention, and described a manner of constructing and using the same, although without attempting to set forth all of the forms in which it may be made, or all of the modes of its use, I declare that what I claim is:—

1. A stamping apparatus comprising a table or support, uprights carried thereby, a laterally extended rod carried by said uprights, a stamp carrier, supporting arms therefor pivotally mounted on said rod, operating arms, means for supporting said operating arms at one end, the free ends of said operating arms being connected to said carrier, and means for actuating said supporting means to swing said operating arms.

2. A stamping apparatus comprising a table or support, uprights carried thereby, a laterally extended rod carried by said uprights, a stamp carrier, supporting arms therefor pivotally mounted on said rod, a rock shaft mounted in said uprights and provided with an extension, operating arms mounted on said shaft and connected with said carrier, and means for operating said rock shaft.

3. A stamping apparatus comprising a table or support, uprights carried thereby, a laterally extended rod carried by said uprights, a stamp carrier, supporting arms therefor pivotally mounted on said rod, operating arms supported by said uprights in a plane below that of the supporting arms, said operating arms being connected with said carrier, and means for actuating the supporting means of said arms to swing the latter.

4. A stamping apparatus comprising a table or support, uprights carried thereby, a laterally extended rod carried by said uprights, a stamp carrier, supporting arms therefor pivotally mounted on said rod, a rock shaft supported by said uprights and provided with an extension, operating arms supported by said extension and arranged parallel with said supporting arms, said operating arms being connected to said carrier, and means for actuating said rock shaft to swing said operating arms.

5. A stamping apparatus comprising uprights, a rock shaft mounted therein and having a portion projecting beyond one of said uprights, stamping mechanism operatively connected with the projecting portion of said shaft, a drive wheel secured with the other end of said shaft, and means for periodically oscillating said wheel to rock said shaft.

6. A stamping apparatus comprising up-

rights, an arm supported thereby and extending laterally thereof, an ink pad holder pivotally supported on said arm, a stamp carrier constructed to support a stamp, and a swinging support for said carrier arranged laterally of said uprights and in juxtaposition with said pad holder, said pad holder being provided with means to engage said stamp carrier.

7. A stamping apparatus comprising uprights, an arm supported thereby and extending laterally thereof, an ink pad holder pivotally supported on said arm, a stamp carrier constructed to support a stamp, and a swinging support for said carrier arranged laterally of said uprights and in juxtaposition with said pad holder, said pad holder being provided with an overhanging portion arranged to intersect the path of movement of said carrier.

8. A stamping apparatus comprising uprights, an arm supported thereby and extending laterally thereof, an ink pad holder pivotally supported on said arm, a stamp carrier constructed to support a stamp, and a swinging support for said carrier arranged laterally of said uprights and in juxtaposition with said pad holder, said pad holder

being provided with fingers or projections arranged to intercept the path of movement of said carrier.

9. A stamping apparatus comprising uprights, an operating shaft mounted therein, a stamping mechanism connected with said shaft, a lug on said shaft, a pivoted member arranged to engage said lug to prevent rotation of said shaft, and means for holding said pivoted member normally out of the path of movement of said lug.

10. A stamping apparatus comprising uprights, an operating shaft mounted therein, a stamping mechanism connected with said shaft, a locking lug on said shaft, a locking member pivoted at one end and having its free end arranged to engage said lug, a spring for normally holding said member out of the path of movement of said lug, and means for regulating said spring.

In testimony whereof, I have signed this specification in the presence of two subscribing witnesses.

KARL HUBERT.

Witnesses:

Wm. S. HODGES,
M. H. YATES.