M. H. PAGE.

CHECK PROTECTOR.

APPLICATION FILED DEC. 12, 1912. RENEWED NOV. 4, 1915.

1,173,020. Patented Feb. 22, 1916.

Fig. 1.

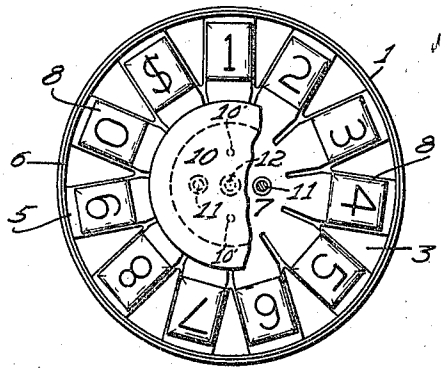


Fig. 2.

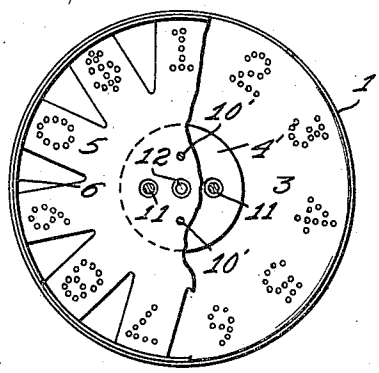


Fig. 3.

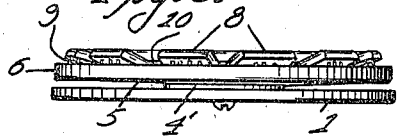


Fig. 4.

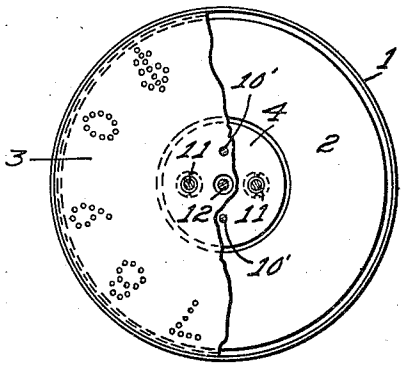


Fig. 5.

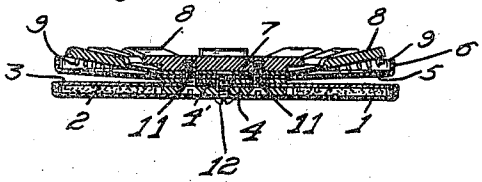
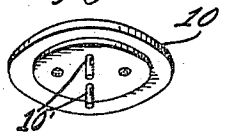


Fig. 6.



WITNESSES:

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UNITED STATES PATENT OFFICE.

MARSHALL H. PAGE, OF SAN FRANCISCO, CALIFORNIA, ASSIGNOR TO PAGE CHECK PROTECTOR COMPANY, OF SAN FRANCISCO, CALIFORNIA, A CORPORATION OF CALIFORNIA.

CHECK-PROTECTOR.

1,173,020. Specification of Letters Patent. Patented Feb. 22, 1916.

Application filed December 12, 1912, Serial No. 736,349. Renewed November 4, 1915. Serial No. 59,697.

To all whom it may concern:

Be it known that I, MARSHALL H. PAGE, a citizen of the United States, residing at San Francisco, in the county of San Francisco and State of California, have invented a new and useful Check-Protector, of which the following is a specification in such full and clear terms as will enable those skilled in the art to construct and use the same.

This invention relates to a check punch and it is an improvement on the punch shown in the U. S. patent granted to me Oct. 1, 1912, No. 1,039,789.

An object of the invention is to simplify the construction shown in the patent and to dispense with the auxiliary springs under the male die arms. It will be understood by those familiar with such a punch as this that when the die is pushed through the paper that the paper holds the die pins quite firmly and makes some form of stripper plate necessary as well as some form of spring to pull the pins out of the female die plate, as well as to pull the pins out of the paper. This spring in the patent referred to must be made of a very strong resilient material such as phosphor bronze and its cost is about 70 cents per pound, so the expense is very considerable for that one item.

Another object is to simplify the device so as to enable it to be more readily assembled.

Another object of the invention is to provide for releasing the paper more easily.

Another object of the invention is to provide means for preventing the paper from being caught either by an adjacent stripper arm or by one of the male die arms.

Another object of the invention is to make the device in such form as to enable it to be made flatter, thus giving the punch a better appearance.

Another object of the invention is to so form the device as to make a lighter spring ample, while at the same time the two adjoining stripper arms assist any given arm in pulling the male pin die out of the paper.

Another object of the invention is to make a device which can be more rapidly operated, and which will be lighter in weight than the patented device.

In the drawings in which the same numeral of reference is applied to the same portion throughout the several views, Figure 1 is a plan view of the punch with a portion of the top plate broken away therefrom for purposes of illustration, Fig. 2 is a plan view of the check punch with the male dies and top plate removed therefrom, Fig. 3 is an edge elevation of the complete punch, Fig. 4 is a plan view of the inking pad, female die plate and the inking pad cover plate, Fig. 5 is a vertical sectional view through the center of the punch, and Fig. 6 is a perspective view of the top plate showing the pins which hold the several die plates in their proper positions.

The numeral 1 represents the ink pad plate, in which the ink pad 2 is inserted. Over the ink pad there is a female die plate 3 which has openings therein around its outer edge to form the necessary characters from one to zero, as well as the dollar mark. Under the female die plate there is a disk 4, while over the female die plate, which has its edge downwardly flanged to form a peripheral support and thereby maintain it flat, there is placed a small disk 4′ and above this disk is the stripper plate 5, said stripper plate having holes therein to correspond with the holes in the female die plate 3.

The stripper plate has a continuous upwardly flanged edge 6 which serves to prevent the insertion of the check in the wrong place as well as to afford the necessary spring to the several arms of the stripper plate thus formed. Above the stripper plate there is the male die plate 7, said plate having arms 8 for the several characters, in which arms, pins 9 are secured to correspond with the openings in the female die plate and stripper plate arms. Over the male die plate there is a disk 10, which disk has all of the parts, except the ink pad plate and the pad, secured thereto by means of two screws 11, a screw 12 securing the ink pad plate and pad in place. The disk 10 has two pins 10′ projecting therefrom to aline the two die plates and the pin arms 8.

In operation the check is inserted under the flanged stripper arms, one of the male die arms is then depressed, the paper being pushed into the holes in the female die plate and taking some ink from the pad direct as well as a small amount from the pins. The ink used is indelible ink so that it is substantially impossible to change the denomination of the check when it has once been marked.

Having thus described my invention what I claim as new and desire to secure by Letters Patent of the United States, is as follows:

1. In a check protector, a plate carrying an inking pad, a plate thereover with openings therein to form a series of characters, a plate having radiating spring arms and pins to correspond with said openings, and a spring stripper plate having a continuous flange surrounding all of the pin arms, and permitting any one of said arms to be moved out of alinement with the remaining arms, substantially as described.

2. In a check protector, a plate carrying an inking pad, a die plate thereover having openings to form characters, a spring stripper plate having a plurality of arms, an integral flange connecting said arms with each other, while permitting any one of said arms to be moved out of alinement with the remaining arms, and a plate having a plurality of radiating spring arms and carrying pins to correspond with the openings in the stripper plate and die plate, substantially as described.

3. In a check protector, a flanged plate carrying an inking pad, a die plate over said inking pad and provided with a peripheral flange extending into the ink pad plate and surrounding the ink pad to form a support and maintain the plate in flat condition, a spring stripper plate having a plurality of arms with holes therein to correspond with the holes in the die plate, and a plate having a plurality of radiating spring arms with pins projecting therefrom to correspond with the openings in the stripper plate, substantially as described.

In testimony whereof I have hereunto set my hand this 7th day of December A. D. 1912, in the presence of the two subscribed witnesses.

MARSHALL H. PAGE.

Witnesses:
C. P. GRIFFIN,
A. H. KEPHART.