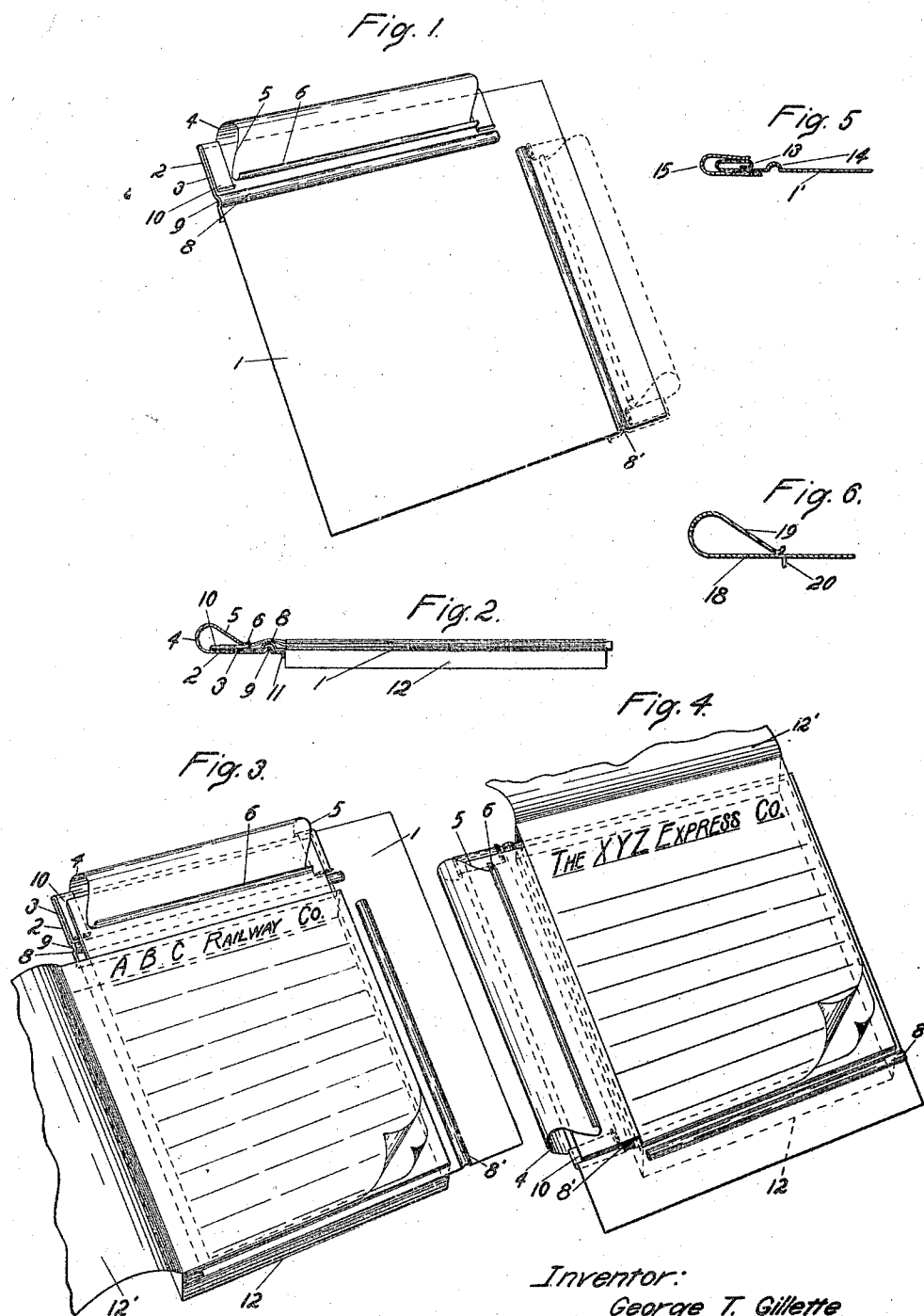


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CARBON HOLDER FOR RECORD BLANKS.
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1,249,615.

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UNITED STATES PATENT OFFICE.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, GEORGE T. GILLETTE, a citizen of the United States, residing at Venice, in the county of Los Angeles and State of California, have invented a new and useful Carbon-Holder for Record-Blanks, of which the following is a specification.

This invention relates to means for holding carbon sheets in proper position for use in record blank pads, such as bills of lading, sales memoranda, tally sheets, or other blanks which are to be filled out in multiple.

The main object of the present invention is to provide a device which can be readily and quickly applied to any such pad and will hold one or more carbon sheets in position to enable them to be conveniently inserted between the leaves of the pad without necessitating handling the carbon sheets at each entry.

Another object of the invention is to provide a carbon holder that can be placed on the pad either from the top or from the side of the pad.

The accompanying drawings illustrate embodiments of my invention and referring thereto:

Figure 1 is a perspective of the device.

Fig. 2 is a side elevation thereof in position on the pad.

Fig. 3 is a perspective view of the device inserted from the top of the pad, and Fig. 4 is a similar view with the device inserted from the side of the pad.

Figs. 5 and 6 are partial vertical sections of modified forms of the invention.

Referring to Figs. 1 to 4, the device comprises a plate or sheet 1, of sheet metal or other suitable thin material, and clamping means 2 in rigid connection with said plate 1, and adapted to grip the carbon sheets, said clamping means is preferably made of sheet steel or similar resilient material, having a flat portion 3 adapted to engage under the plate 1, and having a bend 4 extending upwardly from the portion 3 and provided with a downwardly inclined extension 5 terminating in an upturned edge portion 6, and serving as a clip, such downward extension being adapted to bear against the plate 1, or against carbon sheets placed thereon so as to grip the plate 1 or the said plate together with the carbon sheets, between the parts 5 and 3. To more effectively retain the parts 1 and 2 in proper relative position, said parts may be pro-

vided with beads or corrugations 8 and 9 engaging one another as shown in Fig. 2 and in order to enable the member 2 to be placed either at the top or the side of member 1, said member 1 may be provided with another bead 8' extending at right angles to the bead 8, the beads 8 and 8' extending respectively parallel to the top and one side of plate 1. Member 2 is also preferably provided with a downturned clip member 10 at each end thereof, to engage the plate 1, so as to hold the clamp or clip member 2 firmly in position on member 1, independently of the action of the clip 5. At the forward edge of its lower portion, member 2 is preferably provided with a flange or projecting means 11, extending downwardly at right angles thereto, to serve as a gage in inserting the device in the pad.

The device as above described is used as follows: If it is to be inserted from the top of the pad, the member 2 is slipped over the upper edge of member 1, so that the bead 9 on member 2 engages with bead 8 on member 1, the clamp or clip means 10, assisted by the clip 5 engaging with the plate 1 to hold the member 2 firmly in position on member 1. The required number of carbon sheets, say three in number, are then inserted between the clip 5 and the plate 1, and are held in position by the resilient pressure of said clip, being gripped between said clip and the plate 1. The device is then placed on the pad, indicated at 12, the three upper sheets or blanks of said pad having been first raised and turned over out of the way, to position indicated at 12' in Fig. 3 and being then turned back over the pad, so as to alternate with the carbon sheets. The record having been made, these blanks, or any number of them, are then torn off, and the device reinserted at a new position in the pad. The downturned end 11 of member 2 engages with the upper edge of the pad 12 to act as a gage in setting the device in proper position on the pad. In case the device is to be placed on the pad sidewise it will be inserted as shown in Fig. 4.

The presence of the sheet metal plate gives a much better support for the carbon sheets, and insures a clearer impression on the copies. To provide for effective support of the carbon sheets in the pad, the plate 1 is made of sufficient length and width to extend under substantially the whole area of the blanks to be written on, and to project

beyond said blanks at one end, and also preferably at one side, so as to enable attachment or formation of the carbon sheet clamping means at such projecting portion or portions.

5 The plate thus serves as a support to keep the clamping means from tipping over and moving the carbon sheets, and also to form a solid and even support for writing on the pad.

10 In the modification shown in Fig. 5, the body member or plate 1' is bent at its upper end to form a yielding flap 13 adapted to pinch the carbon between it and the plate 1, and in order to increase the pinching action
15 plate 1' may be provided with a bead 14 adjacent to the forward edge of such flap, and a clamp member 15 formed as a U-shaped spring of sheet metal, may be slipped over the flap after the carbons are inserted.
20 Or, as shown in Fig. 6, the device may consist of a single piece of sheet metal 18, having its upper portion bent over to form a clip 19 adapted to grip the carbons between such clip and the body of plate 18, one or
25 more downturned lugs 20 being struck from the plate 18 to engage the edge of the pad in gaging the position of the device thereon.

What I claim is:

1. A carbon holder for record blank pads
30 consisting of a rectangular plate of sheet material of length greater than the blanks with which it is to be used and having an overlying spring clamp at one end adapted to grip carbon sheets between said plate and
35 clamp, and projecting shoulder means extending from said plate near the clamping end thereof, to engage an edge of the pad.

2. A carbon holder for record blank pads
40 consisting of a rectangular plate of sheet material of length greater than the blanks

with which it is to be used, and formed with a projecting bead extending parallel to and near one end thereof, and a clamp member of resilient sheet material having a portion
45 extending under an end portion of said plate and provided with a bead engaging with said bead in the plate, and with a flange at its inner edge forming a projecting shoulder at the bottom of said plate adapted to en-
50 gage an edge of the pad, and said clamp having a portion bent back over the lower portion and over said end portion of the plate and adapted to engage the plate to hold the clamp on the plate, and said clamp
55 being further provided with a portion bent back over the said plate to grip the carbon sheets between said portion and the plate.

3. A carbon holder for record blanks, consisting of a rectangular plate of sheet material, of length and width greater than the
60 blanks with which it is to be used, and having beads formed therein near and parallel to two adjacent edges thereof, and a clamp member formed of resilient material and
65 having a portion adapted to extend under said plate at either of said adjacent edges and provided with a bead adapted to engage either of said beads on the plate to hold the
70 clamp member in position, and provided with a flange at its inner edge adapted to engage an edge of the pad, and said clamp member having portions adapted to extend
75 over the plate to grip the same and a clamp portion for extending over the plate to grip carbon sheets thereon.

In testimony whereof I have hereunto set my hand, at Los Angeles, California, this 26th day of September, 1916.

GEORGE T. GILLETTE.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."