

T. M. VAUGHAN.
CONTINUOUS TABLET.
APPLICATION FILED NOV. 9, 1911.

1,037,373.

Patented Sept. 3, 1912.

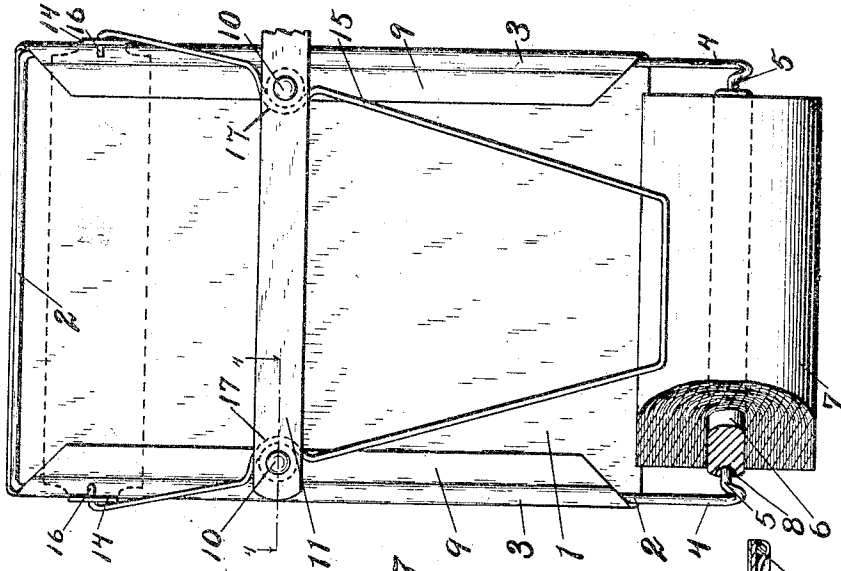


Fig. III.

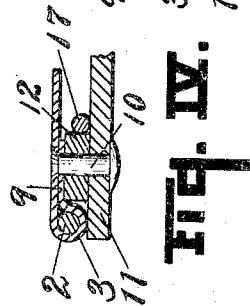


Fig. IV.

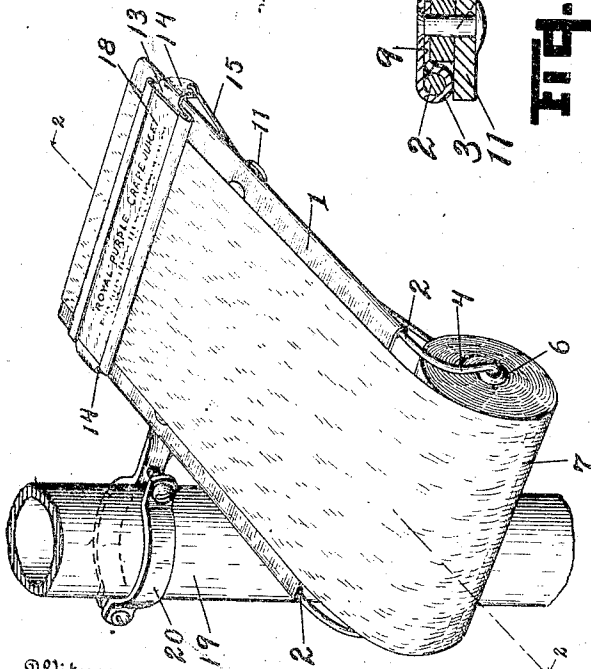


Fig. I.

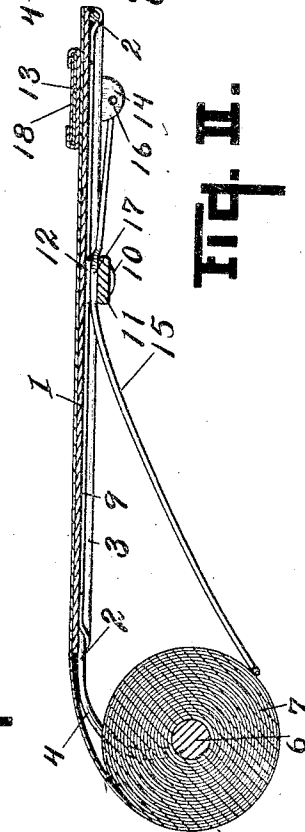


Fig. II.

Witnesses

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CONTINUOUS TABLET.

1,037,372.

Specification of Letters Patent.

Patented Sept. 3, 1912.

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To all whom it may concern:

Be it known that I, THOMAS MARION VAUGHAN, a citizen of the United States, residing at the village of Lawton, county of Van Buren, State of Michigan, have invented certain new and useful Improvements in Continuous Tablets, of which the following is a specification.

This invention relates to improvements in continuous tablets.

The main objects of this invention are: First, to provide an improved continuous tablet which is very convenient to use and manipulate. Second, to provide an improved continuous tablet which may be formed of very light material and, at the same time, one which is strong and rigid and may be mounted upon a telephone standard or the like, and very economical to produce.

Further objects, and objects relating to structural details will definitely appear from the detailed description to follow.

I accomplish the objects of my invention by the devices and means described in the following specification.

The invention is clearly defined and pointed out in the claims.

A structure which is a preferred embodiment of my invention is clearly illustrated in the accompanying drawing, forming a part of this specification, in which:

Figure I is a perspective view of a structure embodying the features of my invention, the same being shown mounted upon a telephone standard. Fig. II is a longitudinal section taken on a line corresponding to line 2-2 of Fig. I. Fig. III is an inverted detail view, the roller 6 and paper roll 7 being partially in longitudinal section. Fig. IV is a detail section taken on a line corresponding to line 4-4 of Fig. III.

In the drawing, similar reference characters refer to similar parts throughout the several views, and the sectional views are taken looking in the direction of the little arrows at the ends of the section lines.

Referring to the drawing, the bed 1 is formed of sheet metal, preferably of thin aluminum. The U-shaped roll holder 2, which is formed of a single piece of spring

wire, is arranged on the under side of the bed, the arms of the holder being parallel with the side edges of the bed, the loop end being adjacent to the upper end of the bed. The side edges of the bed are beaded over the arms of the holder at 3. The holder, thus arranged, serves to brace and support the bed at 1 so that it may be formed of very thin light material and is, at the same time, sufficiently rigid for the purpose.

The ends of the arms are bent downwardly at 4 and terminate in inwardly-projecting pintles 5 adapted to engage the roller 6 for the roll of paper 7. The pintles are sprung apart to receive the roller 6, which is provided with socket-like bearings 8 for the ends of the pintles. The beads 3 are extended at 9 under the bed to receive the securing rivets 10 of the supporting bar 11. Washer-like spacing members 12 are provided for the rivets 10.

The paper is held upon the bed by the clamping bar 13, which is provided with a downwardly-projecting ear 14 at each end, the ears embracing the edges of the bed, as clearly shown in the drawing. The U-shaped tension spring 15 is arranged under the supporting bar 11, its inturned ends 16 engaging the ears 14, its loop end engaging the roll of paper 7 to apply tension thereto. The arms of the tension spring 15 are offset at 17 to engage the spacing members 12 on the rivets 10. This prevents longitudinal movement of the tension spring and it is only necessary to slip it under the bar and bring these offsets into engagement with the rivets in order to effectively retain it in place. The inturned ends of the springs engage the ears 14 from the outside, so that the arms of the spring cannot be accidentally swung toward each other to accidentally engage it.

The longitudinal edges of the clamping bar 13 are folded upwardly and inwardly to provide a holder for cards, as 18. Advertising cards, or cards containing other information may be inserted in this holder.

The upper end of the bed is adapted for a severing edge for the paper, the clamping bar 13 being adjacent to this upper end

holds the paper extended or flat upon the bed so that it may be readily torn off over this cutting edge.

In the structure illustrated, the tablet is shown mounted upon a post or standard 19 of a telephone, the supporting bar being provided with a securing clip 20.

My improved tablet is very simple and economical in structure, and is, at the same time, very convenient to use, and it may be formed of very light material, which is an advantage where it is mounted upon a support, such as a telephone.

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

1. In a continuous tablet, the combination of a sheet metal bed; a U-shaped wire roll holder arranged on the under side of the bed with its arms parallel with the sides and its loop end adjacent to one end of the bed, the ends of the arms projecting at the other end of the bed and being bent downwardly and terminating in inwardly-projecting pintles, the side edges of the bed being beaded over the arms of said holder; a supporting bar arranged transversely under said bed and secured thereto by rivets arranged through the holder engaging beads of said bed, said rivets being provided with spacing members; a clamping bar arranged transversely of said bed and having a downwardly-projecting ear at each end; and a U-shaped tension spring arranged between said supporting bar and said bed with the ends of its arms pivotally engaging said ears on said clamping bar, its loop end being adapted to engage a roll carried by said holder, the arms of said spring being offset to engage said spacing members on said supporting bar securing rivets.

2. In a continuous tablet, the combination of a sheet metal bed; a U-shaped wire roll holder arranged on the under side of the bed with its arms parallel with the sides and its loop end adjacent to one end of the bed, the ends of the arms projecting at the other end of the bed and being bent downwardly and terminating in inwardly-projecting pintles, the side edges of the bed being beaded over the arms of said holder; a supporting bar arranged transversely under said bed and secured in a spaced relation thereto; a clamping bar arranged transversely of said bed and having a downwardly-projecting ear at each end; and a U-shaped tension spring arranged between said supporting bar and said bed with the ends of its arms pivotally engaging said ears on said clamping bar, its loop end being adapted to engage a roll carried by said holder.

3. In a continuous tablet, the combination of a sheet metal bed; a U-shaped wire

roll holder arranged on the under side of the bed, the side edges of the bed being beaded over the arms of the holder, the ends of the arms being bent transversely and terminating in inwardly-projecting pintles; a supporting bar arranged transversely under said bed; a clamping bar arranged transversely of said bed and having a downwardly-projecting ear at each end; and a U-shaped tension spring arranged between said supporting bar and said bed with the ends of its arms pivotally engaging said ears of said clamping bar, its loop end being adapted to engage a roll carried by said holder.

4. In a continuous tablet, the combination of a bed; a roll holder; a supporting bar arranged transversely under said bed and secured thereto by rivets; a clamping bar arranged transversely of said bed and having a downwardly-projecting ear at each end; and a U-shaped tension spring arranged between said supporting bar and said bed with the ends of its arms pivotally engaging said ears on said clamping bar, its loop end being adapted to engage a roll carried by said holder, the arms of said spring being arranged to engage said supporting bar securing rivets.

5. In a continuous tablet, the combination of a sheet metal bed; a U-shaped wire roll holder arranged on the under side of said bed with its arms parallel with the sides, and its loop end adjacent to one end of the bed, the end of the arms projecting at the other end of the bed and being bent downwardly and terminating in inwardly-projecting pintles, the side edges of the bed being beaded over the arms of said roll holder whereby the bed is reinforced by said holder and said holder is attached to the bed; and a supporting bar arranged transversely under said bed and secured thereto by rivets arranged through the holder engaging beads.

6. In a continuous tablet, the combination of a sheet metal bed; and a U-shaped wire roll holder arranged on the under side of said bed with its arms parallel with the sides, the ends of the arms projecting at the other end of the bed and being bent downwardly and terminating in inwardly-projecting pintles, the side edges of the bed being beaded over the arms of said roll holder whereby the bed is reinforced by said holder and said holder is attached to the bed.

7. In a continuous tablet, the combination of a bed; a roll holder; a clamping bar arranged upon and transversely of said bed and having downwardly projecting ears at each end embracing the edges of the bed, said clamping bar being formed of sheet metal and having its longitudinal edges folded inwardly to provide a card holder;

and a tension spring arranged on the under side of said bed and provided with arms pivotally engaging said ears.

8. In a continuous tablet, the combination of a bed, a roll holder, a clamping bar arranged transversely of said bed and having downwardly projecting ears at each end embracing the edges of the bed, a U-shaped tension spring, the loop end of said spring being adapted to engage a roll carried by said holder, the arms of said spring being provided with laterally-turned portions engag-

ing said ears and supporting members for said spring engaging arms to support the same under spring tension whereby they are retained in engagement with said ears.

In witness whereof, I have hereunto set my hand and seal in the presence of two witnesses.

THOMAS MARION VAUGHAN. [L.S.]

Witnesses:

J. M. WILES,

D. T. Root.