W. H. HUFFMAN.

RECEPTACLE.

APPLICATION FILED APR. 5, 1916.

1,193,692.

Patented Aug. 8, 1916.

Fig. 1

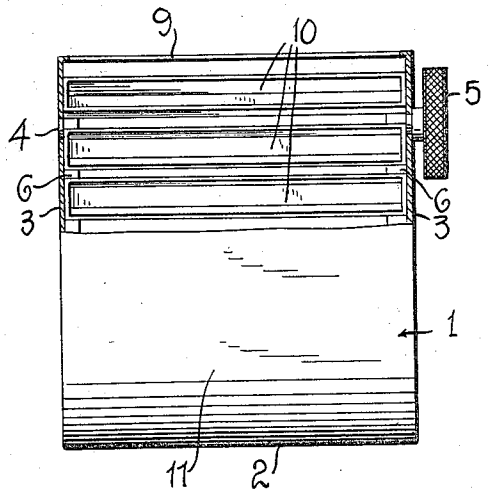


Fig. 2

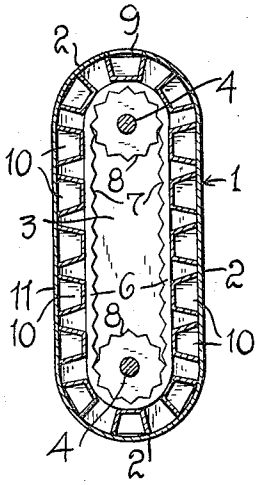


Fig. 3

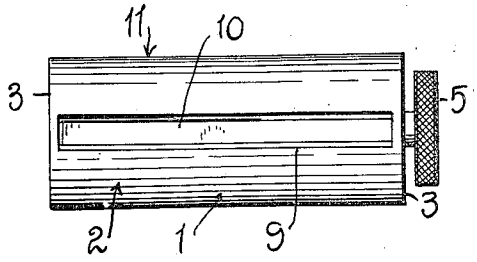
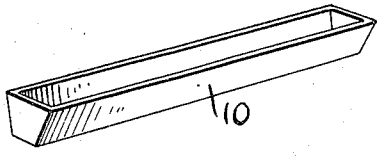


Fig. 4



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RECEPTACLE.

1,193,692. Specification of Letters Patent. Patented Aug. 8, 1916.

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To all whom it may concern:

Be it known that I, WILLIAM H. HUFFMAN, a citizen of the United States, residing at Bridgewater, in the county of Rockingham and State of Virginia, have invented certain new and useful Improvements in Receptacles, of which the following is a specification, reference being had to the accompanying drawings.

This invention relates to certain improvements in receptacles and has relation more particularly to a device of this general character especially designed and adapted for use as a match safe, and it is an object of the invention to provide a novel and improved match safe wherein a single delivery is afforded.

It is also an object of the invention to provide a novel and improved device of this general character wherein an endless carrier is provided and including a plurality of containers, each of said containers being adapted to contain a match and also serving to close the discharge opening of the device when the same has been moved in register with the discharge opening to effect the delivery of a match.

The invention consists in the details of construction and in the combination and arrangement of the several parts of my improved receptacle whereby certain important advantages are attained and the device is rendered simpler, less expensive and otherwise more convenient and advantageous, for use, all as will be hereinafter more fully set forth.

The novel features of the invention will hereinafter be definitely claimed.

In order that my invention may be the better understood, I will now proceed to describe the same with reference to the accompanying drawings, wherein—

Figure 1 is a view partly in elevation and partly in section of a container constructed in accordance with an embodiment of my invention; Fig. 2 is a longitudinal section taken through the device as herein embodied; Fig. 3 is a view in end elevation of my device; and Fig. 4 is a view in perspective of one of the receptacles, detached.

As disclosed in the accompanying drawings, 1 denotes a container of predetermined dimensions and preferably rectangular in top plan with the longitudinal walls 2 thereof outwardly bowed in cross section.

Rotatably supported by the end walls 3 of the container 1 and at a point in close proximity to the walls 2, are the rollers or shafts 4, one of said rollers or shafts 4 extending exteriorly of the container through an end wall 3 thereof and provided with the milled head 5 whereby said roller or shaft may be rotated in order to impart the requisite movement to the carrier as will hereinafter be more fully set forth.

Disposed around the rollers or shafts 4 adjacent the end walls 3 of the container 1 are the endless members 6 preferably having their under faces serrated, as at 7, while the portions of the rollers or shafts 4 about which the endless members 6 travel are also preferably serrated, as indicated at 8, whereby the possibility of slip of the endless members 6 is substantially entirely eliminated and the operation of the device materially facilitated. While the endless members 6 may be of any desired material, I have found it of advantage to have the same possessed of a certain degree of elasticity in order to further assure the requisite coaction between said members 6 and the rollers or shafts 4.

One of the longitudinal walls 2 is provided with the elongated discharge opening 9 through which a match or the like is adapted to be discharged, and said opening 9 is adapted to be normally closed by one of the receptacles 10 disposed longitudinally of the container 1 and secured at its extremities to the members 6.

The receptacles 10 as herein embodied are interposed between the members 6 and the inner faces of the side walls 11 and longitudinal walls 2 of the container 1 and are adapted to have frictional contact therewith, whereby accidental movement of the members 6 is substantially eliminated. It is also desired that the receptacles 10 be arranged in close proximity one relative to the other in order that a maximum number of matches may be inserted within the container 1. While the opening 9 also serves as a delivery opening for a match, it will also be understood that a supply of matches is initially positioned within the receptacles 10 through said opening, it being only necessary to cause the receptacles 10 to be brought in register with said opening. It is also preferred that each of the receptacles 10 be substantially rectangular in cross section

with its outer longitudinal face open, as is thought to be clearly shown in the accompanying drawings.

From the foregoing description, it is thought to be obvious that a receptacle constructed in accordance with my invention is of an extremely simple and comparatively inexpensive nature and is particularly well adapted for use by reason of the convenience and facility with which it may be assembled, and it will also be obvious that my invention is susceptible of some change and modification without material departure from the principles and spirit thereof and for this reason I do not wish to be understood as limiting myself to the precise arrangement and formation of the several parts herein shown in carrying out my invention in practice.

I claim:

1. A device of the character described comprising a container having an opening in one of its walls, endless members positioned within the container, means for imparting movement to said members, and a plurality of receptacles connected to said members and disposed longitudinally in the same direction as the longitudinal axis of the opening, said receptacles being interposed between the endless members and the walls of the container with their outer faces open, said receptacles being in frictional engagement with the walls of the container.

2. A device of the character described comprising a container having an opening in one of its walls, endless members positioned within the container, means for imparting movement to said members, and a plurality of receptacles connected to said members and disposed longitudinally in the same direction as the longitudinal axis of the opening, said receptacles being interposed between the endless members and the walls of the container with their outer faces open, said endless members being elastic.

3. A device of the character described comprising a container provided with an elongated slot in one of its walls, shafts rotatably supported by and positioned within the container and arranged substantially in parallelism with the opening, one of said shafts extending exteriorly of the container and being provided with operating means, elastic endless members disposed around the shafts, and receptacles secured to the endless members and interposed between said endless members and the walls of the container and adapted to frictionally contact with said walls.

4. A device of the character described comprising a container provided with an elongated slot in one of its walls, shafts rotatably supported by and positioned within the container and arranged substantially in parallelism with the opening, one of said shafts extending exteriorly of the container and being provided with operating means, elastic endless members disposed around the shafts, and receptacles secured to the endless members and interposed between said endless members and the walls of the container and adapted to frictionally contact with said walls, the inner faces of the endless members being serrated.

5. A device of the character described comprising a container rectangular in plan with the longitudinal walls thereof outwardly bowed in cross section, one of said longitudinal walls being provided with an elongated slot disposed substantially the entire length thereof, shafts rotatably supported by and positioned within the container adjacent the longitudinal walls thereof and arranged substantially in parallelism with the opening, one of said shafts extending exteriorly of the container and being provided with operating means, endless members disposed around the shafts adjacent the opposite extremities thereof, and receptacles secured to the endless members and interposed between said members and the walls of the container and adapted to frictionally contact with said walls.

In testimony whereof I hereunto affix my signature in the presence of two witnesses.

WILLIAM H. HUFFMAN.

Witnesses:
ELLA MAY HUFFMAN,
L. S. HUFFMAN.