L. W. RUE.

WASTE PAPER BASKET AND BURNER.

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1,147,189. Patented July 20, 1915.

Fig. 1.

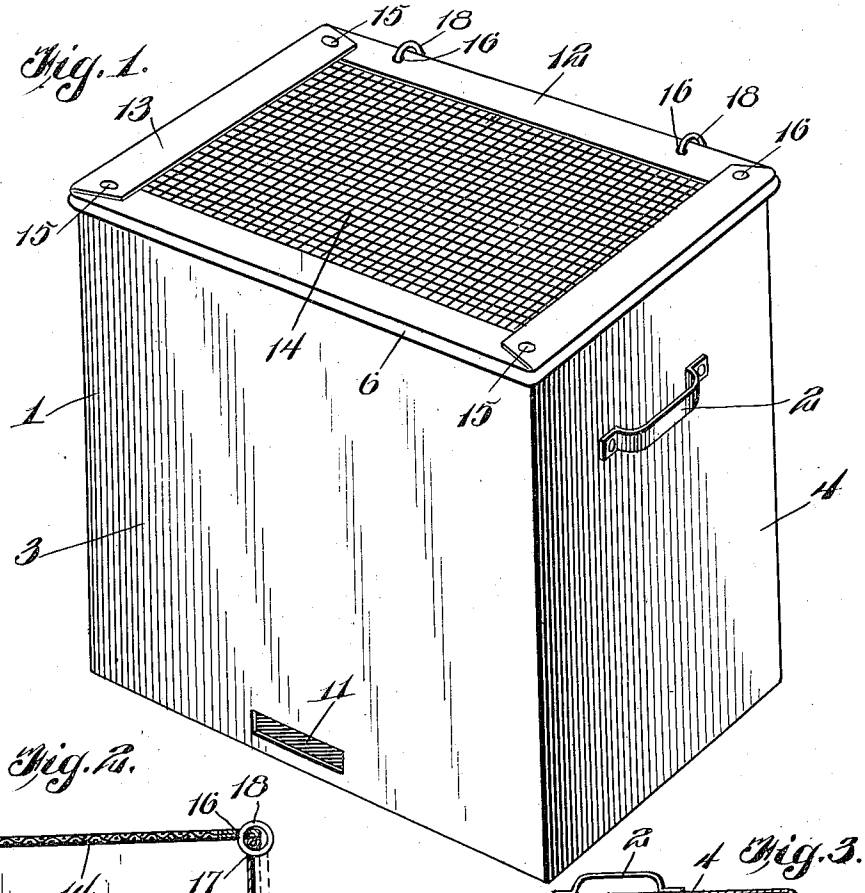


Fig. 2.

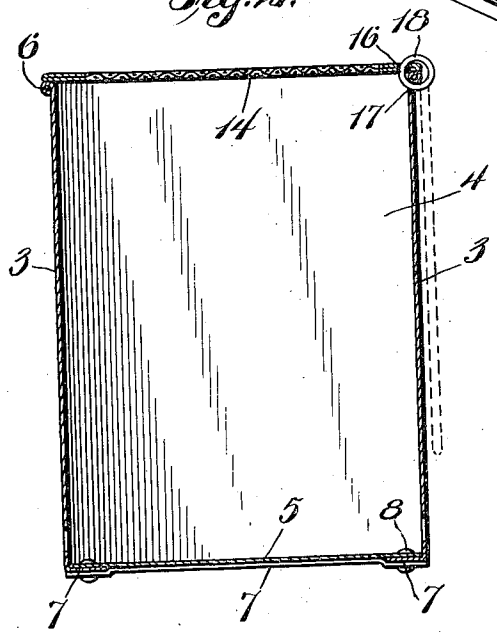
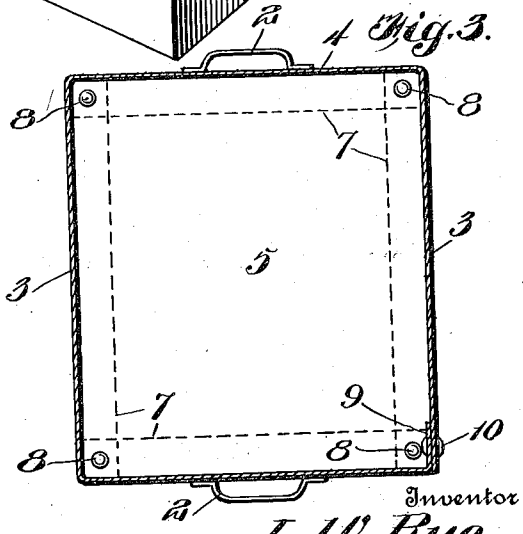


Fig. 3.



Witnesses

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WASTE-PAPER BASKET AND BURNER.

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To all whom it may concern:

Be it known that I, LANSING W. RUE, a citizen of the United States, residing at Lakefield, in the county of Jackson and State of Minnesota, have invented certain new and useful Improvements in Waste-Paper Baskets and Burners, of which the following is a specification.

This invention relates to a basket or receptacle especially designed for receiving and holding waste paper and other rubbish and for burning the same in a convenient, rapid and safe manner.

The object of the invention is to provide a basket of the character described which is simple of construction and inexpensive of production, and which includes a grated cover hinged or pivoted so as to lie, when in an open position, upon the exterior of and parallel with one of the walls of the basket, thus permitting the basket to be used as an ordinary waste paper and rubbish receptacle without interference from the cover.

A further object of the invention is to provide a basket which has a body portion imperforate except for the provision of one or more draft openings and which may be easily and economically manufactured of a single piece of sheet metal, and which also embodies other details of construction whereby simplicity and efficiency are secured.

The invention consists in the features of construction and combination and arrangement of parts hereinafter more particularly described and claimed, reference being had to the accompanying drawings, wherein—

Figure 1 is a perspective view of a basket constructed in accordance with my invention, showing the lid or cover arranged in closed position; Fig. 2 is a vertical section through the same taken on a line passing centrally through the draft openings; and Fig. 3 is a sectional plan view through the basket.

In carrying my invention into practice, I provide a basket or receptacle comprising a body 1 of rectangular or oblong rectangular form, which body 1 is provided with one or more suitable grips or handles 2 for convenience in lifting and transporting it from place to place.

In the present instance, I have shown a basket or receptacle of oblong rectangular form which comprises side walls 3, end walls 4 and a bottom wall 5, the upper edges of said side and end walls being provided with a conventional form of reinforcing rim 6.

Preferably, the body of the basket is made of a single piece of sheet metal, formed by folding the metal into the described shape and so arranging the connecting edges of the several portions as to secure maximum strength and durability. By reference to Figs. 2 and 3, it will be seen that the side and end walls 3 and 4 are formed with flanges or in-bent portions 7 which lap under the bottom wall 5 and overlap each other at the corners of the body, at which points the lapping portions are united by headed pins or rivets 8. The body of the receptacle also has one of the end walls 4 provided with a right angularly bent flange 9 lapped by the adjacent free edge of the adjoining wall 3 and secured thereto by a headed pin or rivet 10.

It will be evident from the foregoing description that a basket which is simple of construction but of great strength and durability is provided, and it will be noted by reference to Fig. 2 that the flanges 7 of the end walls are offset and lap under the flanges of the side walls at the corners, thus projecting the latter downward, so that the lower rigid ends of the rivets form supporting studs on which the basket may rest and which hold the bottom wall 5 slightly elevated above the surface of the floor or ground, so that the temperature of the bottom wall will be kept comparatively low during the burning of paper or other waste material in the receptacle, so that liability of warping of the bottom wall or body of the receptacle will be reduced to the minimum.

The side walls are provided with air inlets or draft openings 11 for the supply of air to the interior of the receptacle, to support combustion when the paper or rubbish is being burned. For the purpose of confining this paper or rubbish while being burned, I provide the receptacle with a lid or cover 12 which preferably consists of a folded rim 13 of sheet metal and a body or filling 14 of woven wire or other reticulated material, the folds of the rim and the filling of woven wire being united by rivets 15. One of the marginal portions of the rim or frame of the lid or cover is formed with openings 16 and the adjacent side of the receptacle is formed with similar openings 17, and these sets of openings receive ring-shaped hinge members 18 by which the lid

or cover is loosely pivoted to swing to a horizontal closed position in which it rests upon the rim 6 or to swing downwardly to a vertical position when opened parallel with the side wall 3 to which it is pivoted, as shown in dotted lines in Fig. 2. When the lid or cover is in closed position, it will permit of the free passage of air to support combustion, but at the same time, will prevent particles of the rubbish or material being burned from flying out of the receptacle, thus eliminating all danger of a conflagration. When the receptacle is not in use for the destruction of waste paper or rubbish, the lid or cover may be arranged in the open position stated, leaving the top of the receptacle absolutely free and clear for the unobstructed filling of the receptacle with the waste paper or rubbish.

I claim as my invention:

A receptacle and burner of the character described comprising a rectangular body formed from a folded piece of sheet metal, said body being provided in one of its side walls with a draft passage above the bottom thereof and being seamed along one of its corners, and the walls of said body being provided at their lower edges with in-turned flanges, a bottom wall resting upon said flanges, the flanges of two of the walls being offset below and under lapping the flanges of the other walls, so as to hold the bottom of the receptacle elevated, headed rivets passing through said flanges and bottom wall at the corners of the receptacle, and a perforate cover for closing the open top of the receptacle, said cover being foldable to open position parallel with one of the walls of the receptacle.

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

LANSING W. RUE.

Witnesses:
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