

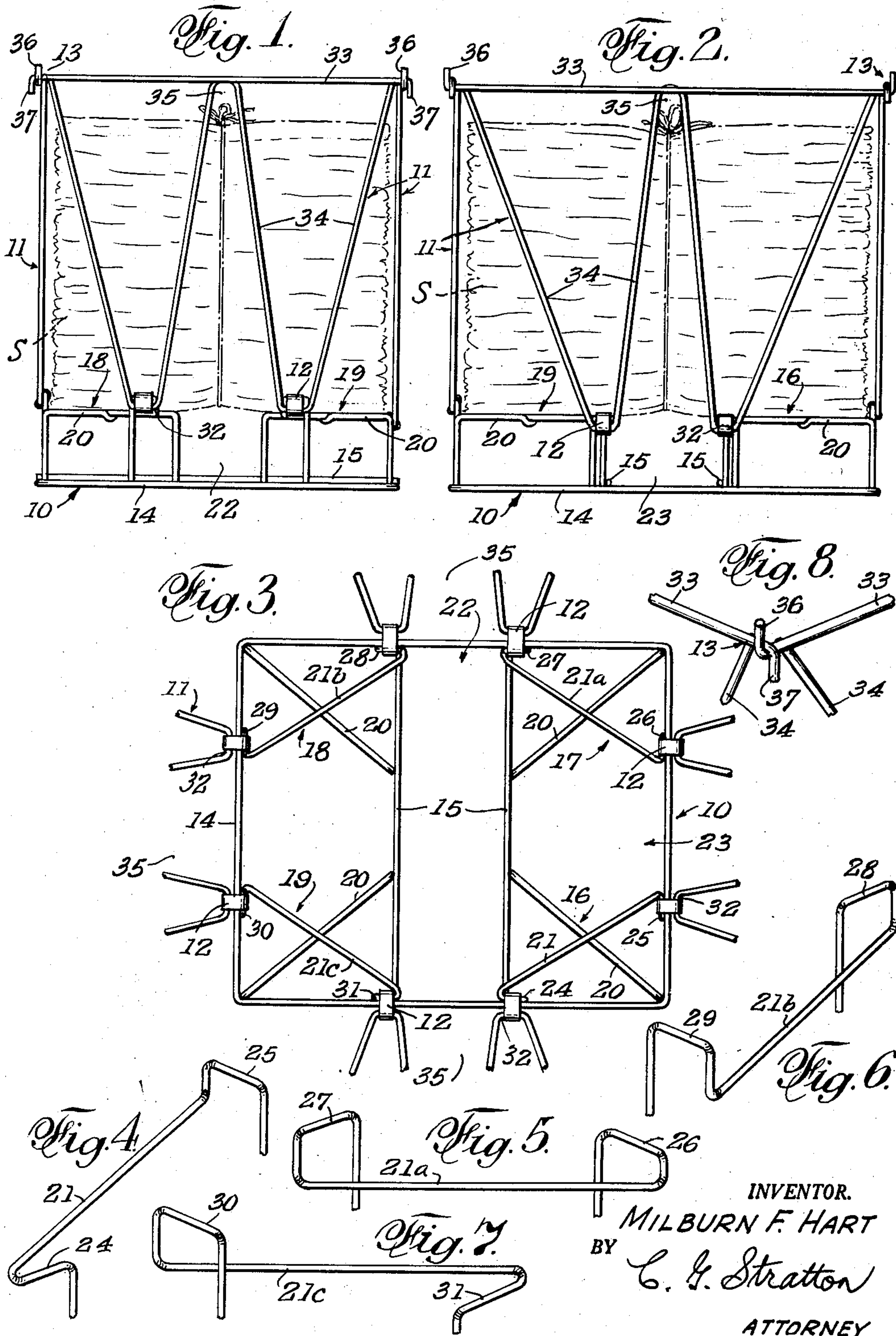
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M. F. HART

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NEWSPAPER HOLDING AND BUNDLING RECEPTACLE

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INVENTOR.

MILBURN F. HART

BY

C. G. Stratton

ATTORNEY



2,850,197

## NEWSPAPER HOLDING AND BUNDLING RECEPTACLE

Milburn F. Hart, La Canada, Calif.

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This invention relates to a receptacle for holding newspapers and for facilitating bundling of a stack of said newspapers. While having general use as a means for facilitating bundling of newspapers, the present invention is particularly adapted for use in the home to comprise a receptacle for receiving newspapers, from day to day, and providing a convenient way of storing the same, and, when filled or nearly so, facilitating encircling the stored stack of newspapers with a suitable string or cord.

An object of the present invention is to provide a receptacle of the character referred to that is so articulated that the same may be readily folded into flat form, when not in use, for convenient storage.

Another object of the invention is to provide a folding receptacle of the character indicated that is inexpensively formed of wire, thereby also being light for easy handling even by children.

A further object of the invention is to provide said receptacle in the form of an open and side-folding cage to facilitate the application of a bundling cord to a stack of newspapers in the receptacle.

The invention also has for its objects to provide such means that are positive in operation, convenient in use, easily installed in a working position and easily disconnected therefrom, economical of manufacture, relatively simple, and of general superiority and serviceability.

The invention also comprises novel details of construction and novel combinations and arrangements of parts, which will more fully appear in the course of the following description. However, the drawing merely shows and the following description merely describes, one embodiment of the present invention, which is given by way of illustration or example only.

In the drawing, like reference characters designate similar parts in the several views.

Fig. 1 is an end elevational view of a receptacle according to the present invention and shown in newspaper-holding condition.

Fig. 2 is a side view of said receptacle as in Fig. 1.

Fig. 3 is a plan view of the receptacle base with the sides opened out and broken away.

Figs. 4, 5, 6 and 7 are enlarged perspective views of four corner components of said base.

Fig. 8 is a further enlarged perspective detail view showing a preferred manner of connecting the receptacle sides to each other to hold the same erected in newspaper-enclosing position.

The receptacle that is illustrated comprises, generally, a base 10 of preferably rectangular form and proportioned according to the size of a once-folded newspaper, a set of sides 11, hinges 12 connecting the lower portions of said sides 11 to the base around the perimeter of the latter, and interengaging means 13 separably connecting the adjacent corners of said sides 11 to each other and, thereby, retaining the sides in erect position for holding newspapers.

The base and sides are preferably formed of suitable

rod or wire to be strong and light, the rods or wires used being preferably spot-weld-connected in the manner herein disclosed.

The base 5 is shown as a wire frame 14 of rectangular form, the same being wider in one direction than the other in the proportion of a once-folded newspaper, but somewhat larger than the usual newspaper. Parallel to the shorter sides of said frame 14, the base is provided with a pair of transverse wire members 15 that are spaced from each other in the manner shown.

On the flat frame thus provided, there are arranged corner-located stack-elevating platform components 16, 17, 18 and 19, each of which comprises an inverted U-member 20 and an intersecting hinge member 21 also having an inverted U-form. Said intersecting U-members 20 and 21 are spaced to form clear spaces or passages 22, as seen from the end of the receptacle, and similar spaces or passages 23, as seen from the side. It will be realized that a stack of newspapers S, supported on the four corner components 16, 17, 18 and 19, is elevated above the frame 14, the same being shown in Figs. 1 and 2.

The hinge members 21 are each differently formed. Starting with the member 21 shown at the lower right corner of Fig. 3 and in Fig. 4, the same is provided with a hinge bar 24 at one end, and a hinge bar 25 at the opposite end and elevated relative to bar 24. The member 21a, shown at the upper right corner of Fig. 3 and in Fig. 5, is provided with a hinge bar 26 at one end and on the level of hinge bar 25, and with a hinge bar 27 at the opposite end and on an elevated level with relation to hinge bar 26. Similarly, the member 21b shown at the upper left corner and in Fig. 6, has hinge bars 28 and 29, the former at the elevation of hinge bar 27 and the latter elevated relative thereto. The member 21c, shown at the lower left corner of Fig. 3 and in Fig. 7, has a hinge bar 30 at the level of bar 29 and a hinge bar 31 at the level of the bar 24 of member 21.

In the above manner, the base 5 is provided with four aligned pairs of hinged bars, 31 and 24, 25 and 26, 27 and 28, and 29 and 30, which are at different elevations above the frame 14.

The sides 11 of the receptacle are generally similar and the same are each formed of wire to have hinge bars 32 that are transversely spaced according to the pairs of hinge bars on the base 10, an upper bar 33, and angularly extending side members 34 that have any suitable disposition provided each side is left with a clear space 35 that is aligned with space or passage 22 or 23, as the case may be. The W-form of the members 34 provides a preferred arrangement of bars 32 and spaces 35.

The differences in the sides 11 are those of width, those aligned with the sides of the base 10 being wider than those aligned with the ends, as can be understood.

The hinges 12 are shown as flat loops that connect the mentioned pairs of base hinge bars with the pairs of hinge bars 32 of the respective sides 11, as is illustrated in Fig. 3. It will be clear therefrom that the sides 11 are hingedly connected to the base 10, can be folded outward or, when the device is to be stacked in most compact form, said sides 11 may be folded one on the other in superimposed position on the base. Such folding accomplishes a flat condition of the sides because of the different levels of the base hinge bars.

The interengaging means 13 is simply shown as upwardly bent ends 36 on the upper bars 33 of two opposite sides 11, and downwardly bent ends 37 on the bars 33 of the other two opposite sides 11. It will be clear that the articulation afforded by the hinges 12 enables ready hooking engagement of the ends 36 and 37 that are adjacent at the four corners, this engagement holding said sides erect, as in Figs. 1 and 2.



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Since the respective passages 22 and 23 have unobstructed communication with spaces 35, it is a simple matter to pass a cord 38 around the stack S in both directions, as shown, and to knot the same at 39 to form an easily handleable bundle.

While the foregoing has illustrated and described what is now contemplated to be the best mode of carrying out my invention, the construction is, of course, subject to modification without departing from the spirit and scope of the invention. It is, therefore, not desired to restrict the invention to the particular form of construction illustrated and described, but to cover all modifications that may fall within the scope of the appended claims.

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

1. A newspaper holding and bundling receptacle comprising a rectangular base wire frame, two parallel spaced wire members extending across the frame between and connected to two opposite sides thereof, two intersecting wire members at each corner of the frame between the other two opposite sides of the base frame and the mentioned parallel members, said intersecting members including crossing wires generally parallel to and spaced above the plane of the base frame and constituting support platforms, the first of said intersecting members being of inverted U-shape and having the free end of one of its legs secured to an adjacent one of the second mentioned sides of the base wire frame and the free ends of its other leg secured to an adjacent one of said parallel members with the bight of the said U-shaped member substantially bisecting the adjacent corner of the base wire frame, the second of said intersecting members being of substantially inverted U-shape and having the free end

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of one of its legs secured to an adjacent one of the second mentioned sides of the base wire frame and the free end of its other leg secured to an adjacent one of said parallel members with the bight of said intersecting member lying diagonally across and above the corner of the base wire frame, said second intersecting member having a portion of each of its legs bent to lie in parallel relation to its respective subjacent side of the base wire frame, and constituting hinge bars, and a set of four sides hingedly connected to said bars to form an enclosure above and around the platforms when the free ends of said sides are interconnected.

2. A newspaper holding and bundling receptacle according to claim 1 in which the platform wires that have the hinge bars provide the base with two aligned hinge bars on each side.

3. In a device according to claim 1, the bars at each end of said substantially U-shaped wire being spaced above the base frame and one being spaced higher from the base frame than the other.

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