

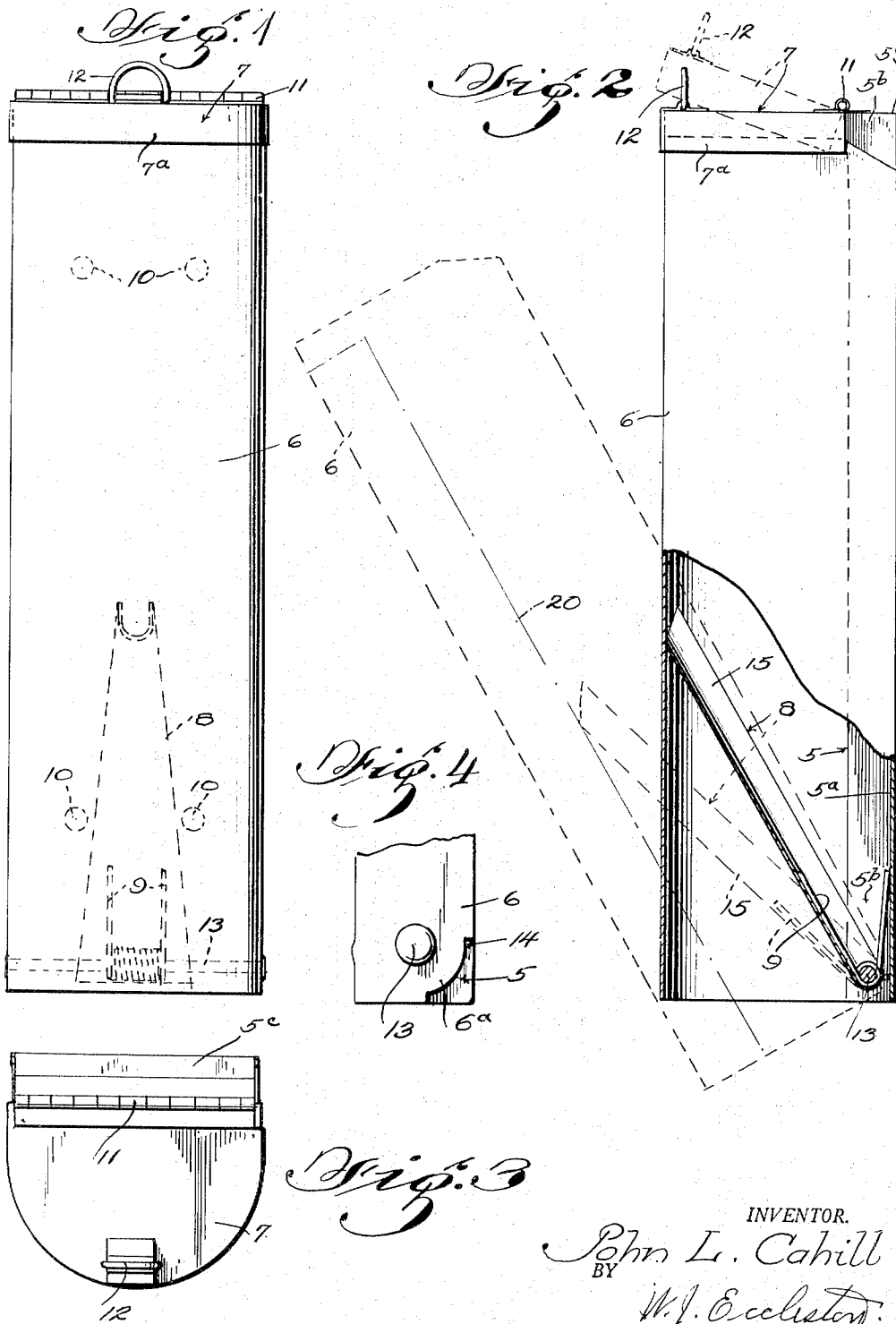
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OPEN BOTTOM DEPOSIT AND COLLECTION RECEPTACLE

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OPEN BOTTOM DEPOSIT AND COLLECTION
RECEPTACLE

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3 Claims. (Cl. 232-17)

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The invention disclosed herein, if patented, may be manufactured and used by or for the Government for governmental purposes, without the payment to me of any royalty thereon.

This invention relates to deposit and collection receptacles, and among other objects, aims to provide an improved receptacle so made that papers may be easily deposited therein and removed therefrom, and while in the receptacle will be protected against the weather, dust, etc.

In accordance with the invention, I provide a receptacle which is open at the bottom, has a paper holder inside of the receptacle, has a hinged front section, and a hinged lid at the top which when closed holds the front section closed, means being provided to cause the front section to swing open whenever the lid is lifted.

In the accompanying drawings showing the preferred embodiment of the invention,

Fig. 1 is a front elevation;

Fig. 2 is a side elevation showing in dotted lines an alternative position of the front section of the receptacle, and also showing how papers are held within the receptacle;

Fig. 3 is a top plan view; and

Fig. 4 is a detail in elevation, on an enlarged scale.

Referring particularly to the drawings, the improved receptacle may be made principally of wood, plastic, or metal treated to resist rust, and consists of five principal parts, viz., a back wall member 5, a front section or member 6, a lid 7 and a paper holder 8, which is under spring tension from a spring 9.

The back wall member 5 includes a flat sheet 5a having perforations 10 through which screws, nails or other fastening elements (not shown) may be inserted thereby to secure the receptacle upon a support such as a wall (not shown). Marginal vertically extending side flanges 5b and a horizontal top flange 5c are preferably integral with sheet 5a and extend outwardly relative to the support. Secured by a hinge 11 to top flange 5c is the lid 7 which has a lift ring 12 for engagement by the user's finger and also has a marginal depending flange 7a. The front section 6 is shown as semi-cylindrical, but may be three sided in horizontal cross section, and is adapted when closed against the back wall member to fit under lid 7 and be held thereby, with the depending flange 7a fitting snugly around the top of said front section. The front section 6 is open at both ends and is pivotally secured at its lower end to the lower end of the back wall member 5 by means of a pin 13 ex-

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tending through both vertical flanges 5b as well as the front section 6 and having its ends upset. The front section fits over flanges 5b as clearly shown, and when closed against the back member 5, conceals practically all of the latter except the top flange 5c (the back 5a being flat against the support and hence out of sight when the receptacle is closed). If preferred, the front section 6 may be restrained from swinging too far outwardly by means of a link or a small chain (not shown) attached at one end to the back wall member and at its other end to the front section, or the front section may have corners 6a (Fig. 4) so shaped as to impinge against stops 14 on the back wall member 5 to stop further outward swinging.

To hold papers securely within the front section a paper holder 8 is provided, said paper holder consisting of a spring follower 15 conveniently pivoted on pin 13 and being pressed outwardly, or against the inside wall of the front section, by means of an expansible spring 9 which is also conveniently mounted on pin 13 and whose free ends press respectively against the back wall 5a and the spring follower 15. The spring follower may have a length greater than half the length of the paper-inclosing front section 6, and if desired may engage the wall of the front section at more than one point.

The operation and advantages of my receptacle will be readily understood. Papers 20 are thrust upwardly through the open lower end of the otherwise closed receptacle, and when so thrust, will push the spring follower 15 to one side, the spring follower however directly engaging the papers to hold them against falling out of said lower end. When housed within the receptacle, the papers will be protected against the weather, dust, cinders etc., the lid being designed to shed rain or dew. A single letter or sheet of paper will be held securely, or many papers in a roll, or even several newspapers. To withdraw the papers, the user lifts up the lid by the ring 12, whereupon the spring 9 acting on the spring follower 15 causes the front section to swing outwardly, exposing the papers from above. If desired, the hinge 11 may be made a little stiff in action so as to hold the lid in raised position until it is pressed downwardly again to hold the front section locked against the back wall member. Various other minor changes and variations may be made, within the scope of the appended claims.

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

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1. A deposit and collection receptacle for papers and the like comprising a back wall member adapted to be fixed to a wall or other vertical support; a lid member hinged to the top of the back wall member with its hinge arranged so that the front end of the lid member lifts up; a front section or member adapted to form a receptacle in co-operation with the lid and the back wall member, said front section or member being open at its top and bottom and being pivotally connected at its bottom to the lower end of the back wall member and swingable outwardly therefrom at its top; the lid member when closed fitting over the upper end of the front section or member and holding it adjacent the back wall member; a paper holder movably mounted within the receptacle; and a spring actuating the paper holder to hold it pressing yieldably against the inside wall of the front section or member, so that the paper holder will yield when papers are thrust upwardly through the open bottom end of the receptacle and will engage such papers to hold them by friction within the receptacle; said spring being of such strength as to swing the pivoted front section or member outwardly when the lid member is swung open.

2. The invention defined in claim 1, wherein the paper holder consists of a spring follower directly engaged by the spring and pivotally mounted on the same pivot which swingably mounts the front section or member, said spring also being mounted on the same pivot.

3. A deposit and collection receptacle for papers and the like comprising a back wall member, a front wall member and a lid member; the back

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and front wall members together providing a compartment for holding papers which is open at the top and bottom; the lid member being adapted to close the top of the receptacle and hold the front and back wall members together and being movable from said top-closing position; pivot means at the lower ends of the back and front wall members connecting said members so that the front wall member may swing outwardly at its upper end; and paper-holding means within the receptacle, said paper-holding means being spring-actuated and yielding when papers are thrust upwardly into the receptacle and directly engaging such papers to hold them by friction within the confines of the receptacle; the pivotal support of the front wall member and the movable mounting of the lid member together permitting a wide opening of the top of the receptacle to give ready access to the contents of the receptacle when the lid member has been raised.

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