

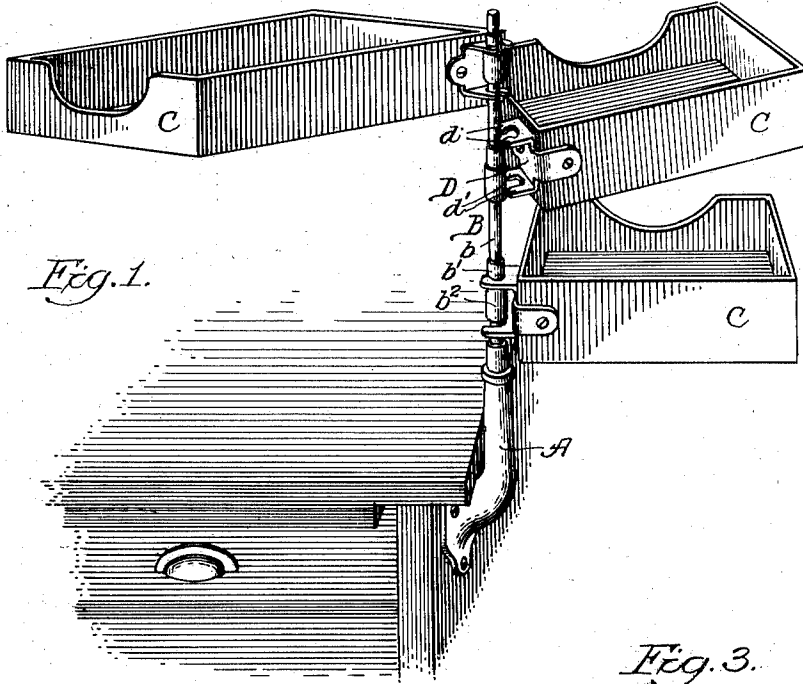
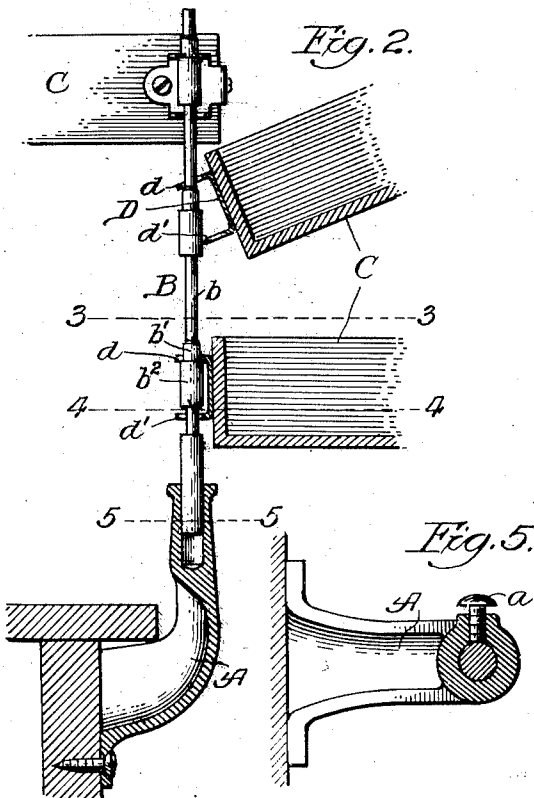
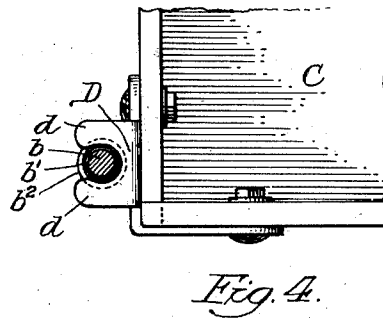
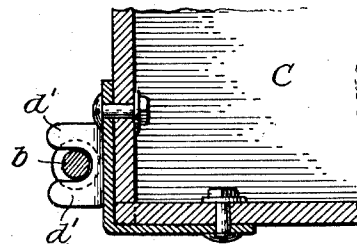
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P. C. BURNS

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HOLDING AND DISTRIBUTING APPARATUS

Filed June 22, 1923



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UNITED STATES PATENT OFFICE.

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OF MAINE.

HOLDING AND DISTRIBUTING APPARATUS.

Application filed June 22, 1923. Serial No. 846,993.

My invention relates to improved means designed to hold and distribute papers and light articles, and consists in a plurality of receptacles each adapted to receive papers and the like, and each of which is so mounted upon a common supporting standard as to be capable of movement in circular paths about that standard so as to permit adjustment of each receptacle in convenient position for deposit of the papers or the like, and further in the provision of means whereby each receptacle may be detached from the common standard upon which it is mounted so that each receptacle as desired may be carried to any distant point for use, and again conveniently and securely re-mounted upon the common standard.

Reference may be had to the accompanying drawings and accompanying description for a more complete disclosure of the features of my invention, in which—

Figure 1 is a perspective view of my temporary distributing and filing means shown mounted upon a table or desk.

Figure 2 is a detail view partly in section, showing the manner in which each receptacle is manipulated to attach or detach it from the common supporting standard.

Figure 3 is a like view, on the line 3—3 of Figure 2, looking down upon the end portion of one receptacle disclosing the form of the attaching and detaching clips embracing the common supporting standard.

Figure 4 is a like view, on the line 4—4 of Figure 2, of the end portion of the receptacle which is in section showing the clip having a less width between embracing paws than is that between the jaws of the upper clip.

Figure 5 is a like view, on the line 5—5 of Figure 2, of the supporting base for the common standard, the upturned portion of the base being in cross section to illustrate the manner in which the common supporting standard is held in the base.

A supporting base A for a common supporting standard B is mounted upon and secured to a desk or table, the trays C being pivotally mounted one above the other upon the common supporting standard B. These trays, adapted to receive papers and the like, are each removably secured to the common supporting standard B by such means as will permit of detachment from the common sup-

porting standard and replacement thereon. These means are of such a character that each one of the trays may be readily and conveniently removed from and replaced upon the common supporting standard so that they may be used apart from their supporting means at any convenient point.

The means for securing the trays C removably and replaceably upon the common supporting standard B consist of a clip D secured at one corner of each tray and provided with two sets of upper and lower engaging fingers $d-d'$ which are adapted to receive and embrace the common supporting standard.

The major portion of the standard B is designated at b , while at the point where the trays are to be mounted pivotally the standard is provided with two enlarged portions b^1 and b^2 , the portion b^1 being relatively of less diameter than the portion b^2 . The upper and lower extremities of the fingers $d-d'$ of the clip D are spaced apart only a sufficient distance to admit the diameter of the major portion b of the standard and the circular opening between the upper fingers d is sufficiently large to admit the enlarged portion b^1 of the standard.

To adjust and mount the trays pivotally upon the standard the tray is tilted, as shown in Figure 2, so that the fingers d will engage the portion b of the standard above the enlarged portion b^1 , while the fingers d' abut against or are opposite the enlarged portion b^2 of the standard. Upon lowering the tray and positioning it horizontally the fingers d then embrace the enlarged portion b^1 of the standard, and the fingers d' embrace the major portion b of the standard, the fingers d resting upon the top of the enlarged portion b^2 .

Thus the tray is mounted upon the standard so as to swing about freely and yet be firmly held on the standard at two points by the upper and lower fingers of the clips.

It is manifest that to disengage a tray from the standard it must be raised and tilted in the same manner as when it is engaged.

The base A has a socket within which the lower end of the common standard is held, being secured by a set screw a .

From the foregoing description it is evident that I have provided a convenient ap-

paratus by means of which a plurality of containers are held in stationary fixed relation to each other but any one of them capable of being swung into a position in convenient proximity to the one using them, any one of which containers may be readily disengaged from the common support and carried for use to any point and then engaged again with the support.

10 What I claim is:

1. An apparatus for receiving and distributing papers and other articles, comprising a circular upright supporting rod having three longitudinal sections of different diameter, a receptacle, a bracket attached to said receptacle for pivotally mounting the same upon said rod, said bracket having a portion provided with two curved fingers forming an open circular embrasure whose diameter equals the diameter of one of said sections and whose opening equals the diameter of a smaller one of said sections.

2. An apparatus for receiving and distributing papers and other articles, comprising a circular upright supporting rod having three longitudinal sections of different diameter, a receptacle, a bracket attached to said receptacle for pivotally mounting the same upon said sections, said bracket having a portion provided with two curved fingers forming an open circular embrasure whose diameter equals the diameter of one of said sections and whose opening equals the diameter of a smaller one of said sections, and a second portion on said bracket parallel to said first portion, said second portion provided with two fingers forming a U-shaped opening whose width equals the opening on said first portion.

3. An apparatus for receiving and distributing papers and other articles, comprising a circular upright supporting rod having three longitudinal sections with successively decreasing diameters, a receptacle, a bracket attached to said receptacle having a member provided with two curved fingers forming an open circular embrasure the width of the opening equalling the diameter of the smallest or third section and the inner diameter equalling the diameter of the middle or second section, for slipping said bracket over said smallest section and for pivotally mounting the same upon the middle section.

4. An apparatus for receiving and distributing papers and other articles, comprising a circular upright supporting rod having three longitudinal sections with successively decreasing diameters, a receptacle, a bracket attached to said receptacle having a member provided with two curved fingers forming an open circular embrasure the width of the opening equalling the diameter of the smallest or third section and the inner diameter equalling the diameter of the middle or second section, for slipping said bracket over said smallest section and for pivotally mounting

the same upon the middle section, the first or largest section serving as a vertical shoulder bearing for said bracket.

5. An apparatus for receiving and distributing papers and other articles, comprising a circular upright supporting rod having three longitudinal sections with successively decreasing diameters, a receptacle, a bracket attached to said receptacle having a member provided with two curved fingers forming an open circular embrasure the width of the opening equalling the diameter of the smallest or third section and the inner diameter equalling the diameter of the middle or second section, for slipping said bracket over said smallest section and for pivotally mounting the same upon the middle section, the first or largest section serving as a vertical shoulder bearing for said bracket, and a second member on said bracket disposed parallel to said first member and provided with two fingers forming a U-shaped opening whose width equals the opening on said first member, for pivotally engaging another longitudinal section on said rod to maintain said receptacle in horizontal position with respect to said upright rod.

6. An apparatus for distributing papers and other articles, comprising a vertically mounted circular supporting rod having a plurality of longitudinally disposed portions, each portion comprising three longitudinal sections with successively decreasing diameters, a receptacle, a bracket attached to said receptacle having a first member provided with two curved fingers forming an open circular embrasure, the tips of said fingers forming the mouth thereof, the width of said mouth being equal to the diameter of the smallest or third section on any of said portions and the inner diameter of said embrasure being equal to the diameter of the middle or second section on any of said portions, for slipping said member over said third section to pivotally engage said second section.

7. An apparatus for distributing papers and other articles, comprising a vertically mounted circular supporting rod having a plurality of longitudinally disposed portions, each portion comprising three longitudinal sections with successively decreasing diameters, a receptacle, a bracket attached to said receptacle having a first member provided with two curved fingers forming an open circular embrasure, the tips of said fingers forming the mouth thereof, the width of said mouth being equal to the diameter of the smallest or third section on any of said portions and the inner diameter of said embrasure being equal to the diameter of the middle or second section on any of said portions, for slipping said member over said third section to pivotally engage said second section, the first or largest section on

each portion serving as a vertical shoulder for said member.

8. An apparatus for distributing papers and other articles, comprising a vertically mounted circular supporting rod having a plurality of longitudinally disposed portions, each portion comprising three longitudinal sections with successively decreasing diameters, a receptacle, a bracket attached to said receptacle having a first member provided with two curved fingers forming an open circular embrasure, the tips of said fingers forming the mouth thereof, the width of said mouth being equal to the diameter of the smallest or third section on any of said portions and the inner diameter of said embrasure being equal to the diameter of the middle or second section, on any of said portions, for slipping said member over said third section to pivotally engage said second section, the first or largest section on each portion serving as a vertical shoulder for said member, and a second member on said bracket disposed parallel to said first member, and provided with two fingers forming a U-shaped opening whose width equals the width of the mouth of said first member, for pivotally engaging the third section of the next successive portion on said rod.

9. An apparatus for distributing papers and other articles, comprising a vertically

mounted circular supporting rod having a plurality of longitudinally disposed portions, each portion comprising three longitudinal sections with successively decreasing diameters, a receptacle, a bracket attached to said receptacle having a first member provided with two curved fingers forming an open circular embrasure, the tips of said fingers forming the mouth thereof, the width of said mouth being equal to the diameter of the smallest or third section on any of said portions and the inner diameter of said embrasure being equal to the diameter of the middle or second section, on any of said portions, for slipping said member over said third section to pivotally engage said second section, the first or largest section on each portion serving as a vertical shoulder for said member, and a second member on said bracket disposed parallel to said first member, and provided with two fingers forming a U-shaped opening whose width equals the width of the mouth of said first member, for pivotally engaging the third section of the next successive portion on said rod to maintain said receptacle in horizontal position with respect to said rod.

Signed by me at Chicago, Illinois, this 19th day of June, 1923.

PETER C. BURNS.