Jan. 22, 1924. 1,481,508

C. A. HARRIS

ROOFING CEMENT SPREADER

Filed Feb. 23, 1922

Fig. 1.

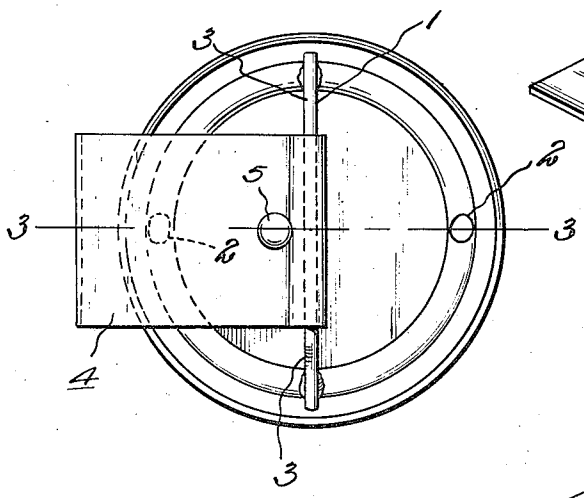


Fig. 4.

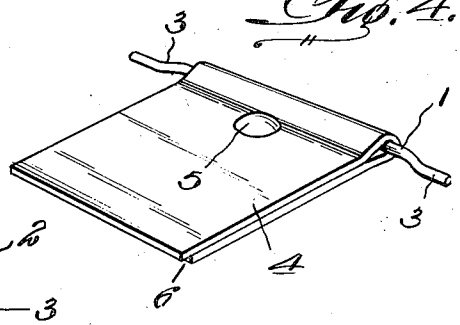


Fig. 2.

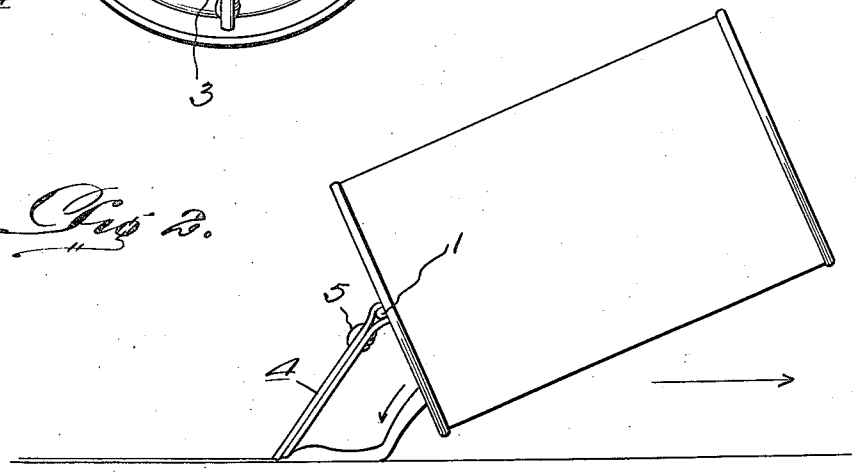
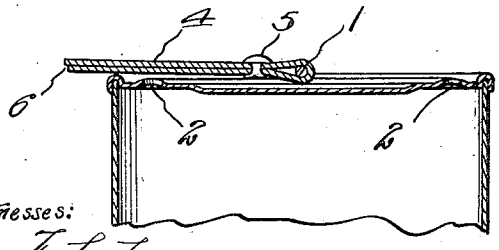


Fig. 3.



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UNITED STATES PATENT OFFICE.

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ROOFING-CEMENT SPREADER.

Application filed February 23, 1922. Serial No. 538,594.

To all whom it may concern:

Be it known that I, CHESTER A. HARRIS, a citizen of the United States of America, residing at North Evans, in the county of Erie and State of New York, have invented certain new and useful Improvements in Roofing-Cement Spreaders, of which the following is a specification.

An object of this invention is to provide means for spreading a liquid upon a surface as it flows from a container so as to render the use of a brush or the like unnecessary.

The invention is more particularly designed for use upon cans containing adhesive material which is used for cementing together layers of composition roofing material.

Another object of the invention is to hingedly secure the spreader at the center of the can top so that a discharge opening may be formed in the top at either side of the spreader.

This invention also consists in certain other features of construction and in the combination and arrangement of the several parts, to be hereinafter fully described, illustrated in the accompanying drawings and specifically pointed out in the appended claims.

In describing my invention in detail, reference will be had to the accompanying drawings wherein like characters denote like or corresponding parts throughout the several views, and in which:

Figure 1 is a plan view of a can provided with my invention.

Figure 2 is a side elevation illustrative of the manner in which the can is used.

Figure 3 is a diametrical section of the upper portion of the can.

Figure 4 is a perspective of the spreader and its appurtenances as they appear when disassociated from the can top.

Similar numerals of reference designate corresponding parts in all of the views of the drawings.

It is the practice in applying cement to roofing paper and the like to punch two holes in the can containing the cementing material, one being an air vent and the other a discharge opening for the material, so that the contents of the can can be poured upon the lap to cement the two strips of paper together. The material as it passes from the can must be spread upon the paper by a brush or the like to evenly distribute it and it is the object of my invention to provide a spreader upon the can whereby the material will be spread as the can is moved across the surface to apply the material thereto.

In carrying out my invention I secure, by solder or the like, a piece of wire 1 to the can top, at the center thereof, so that the holes 2 in the top will be at opposite sides of the wire. The ends of the wire are slightly offset, as at 3, so that the body of wire is raised above the can top. The spreader 4 is looped upon its center with its looped part engaging the wire and then a rivet 5 or the like is passed through the two portions of the spreader, adjacent the looped part, to hold the same on the wire. Thus the spreader is hingedly connected with the can top so that it can be swung from one side to the other. This will permit either hole to be used as a discharge hole and it will be seen that as the can is tilted to permit the material to flow through one of the holes the spreader will engage the surface, upon which the material is being placed, in rear of the can and thus act to spread the material passing from the hole. The spreader is preferably formed of a small strip of composition roofing material and I prefer to make one portion longer than the other so that one end projects beyond the other, as shown at 6. This will permit both ends of the strip to act as spreading means.

By this means the cementing material can be easily and quickly applied by simply drawing the can across the surface. The spreader is held in place in desirable working position by one of the fingers of the hand holding the can.

The holes in the can are usually punched therein by a nail or the like and the holes are made of varying sizes according to the condition of the weather. The holes must be made larger when the material is applied in cold weather than when applied in hot weather.

It is thought from the foregoing description that the advantages and novel features of my invention will be readily apparent.

I desire it to be understood that I may make changes in the construction and in the combination and arrangement of the several parts, provided that such changes fall within the scope of the appended claims.

What I claim is:—

1. In combination with a container having

a pair of diametrically arranged holes in one end, a spreader hingedly connected with the perforated end of the container so that it can be used with either hole.

2. In combination with a container having a plurality of discharge openings, of a spreader therefor, and means for connecting the spreader to the container to permit of the use of the former with either of the discharge openings.

3. In combination with a container having discharge openings, of a spreader therefor, and means for connecting the spreader to the container to permit of swinging the spreader over either of the discharge openings.

4. The combination of a container having discharge orifices spaced apart, and a spreader connected to the container at a point between said orifices and movable toward and from each of said orifices.

In testimony whereof I affix my signature.

CHESTER A. HARRIS.