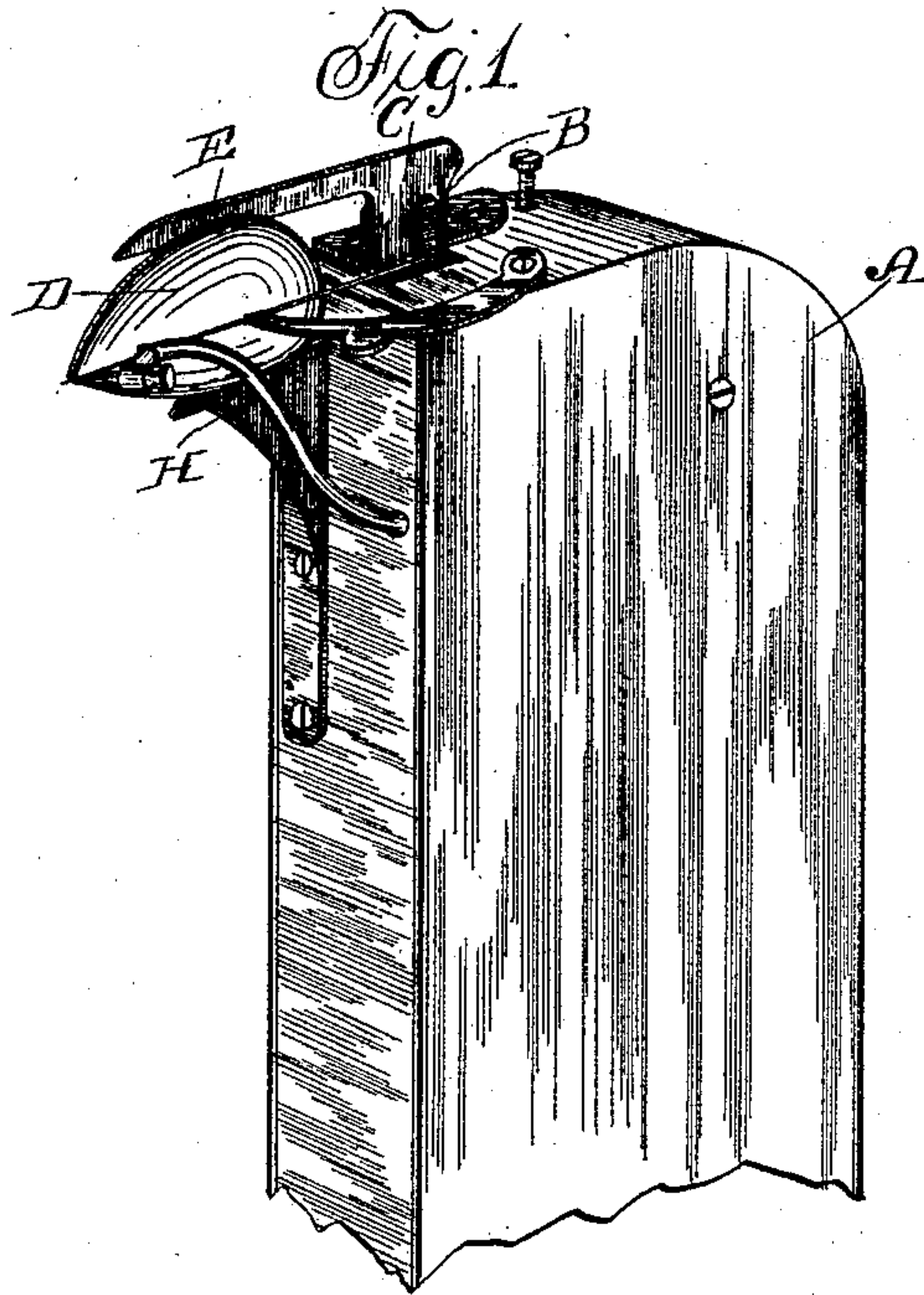


(No Model.)

G. H. HUTTENLOCHER & W. ULLMER.  
PAINT DISTRIBUTER.

No. 444,440.

Patented Jan. 13, 1891.



Witnesses:  
M. Smith.  
C. C. Buckley }

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# UNITED STATES PATENT OFFICE.

GOTTLIEB H. HUTTENLOCHER AND WILLIAM ULLMER, OF DES MOINES, IOWA.

## PAINT-DISTRIBUTER.

SPECIFICATION forming part of Letters Patent No. 444,440, dated January 13, 1891.

Application filed October 11, 1890. Serial No. 367,844. (No model.)

*To all whom it may concern:*

Be it known that we, GOTTLIEB H. HUTTENLOCHER and WILLIAM ULLMER, citizens of the United States of America, residing at Des Moines, in the county of Polk and State of Iowa, have invented a new and useful Improvement in Paint-Distributers, of which the following is a specification.

Our object is to provide means by which the spoon of an air-brush or paint-distributer which contains and holds the paint and which heretofore has been rigidly secured to the case and securely held thereto may be so formed as to be detachably engaged by attachments secured to the case, permitting the ready removal of one spoon containing one color or character of paint, and the replacing of another spoon containing a paint of a different color or character, thus avoiding the pre-existing necessity of cleaning out the spoon on every occasion when it is desired to change the color to be used.

Our invention consists, structurally, in an air-brush spoon of the usual form adapted to be attached to the case by means of a tension or springing finger and a supporting flange or ridge, and to accomplish this result without in any wise interfering with the operation of the mechanism or materially altering the construction of the casing or the parts.

Our invention consists, further, in certain details of construction hereinafter more fully described, and pointed out in the claims, reference being had to the accompanying drawings, in which—

Figure 1 is a perspective enlarged view of the upper part of an air-brush, showing our improved spoon attached. Fig. 2 is a detail bottom view of the spoon. Fig. 3 is a transverse sectional view of the spoon.

A designates the case of usual form, the mechanism for operating the parts being of the ordinary and usual character and form.

B designates the walking-bar by which the needle is operated in the usual way, and C the vertical plate secured to the top of the upper portion of the case A.

D designates the spoon, of the usual form in point of construction, except that on the under side near the edge grooves are cut, as shown at *a a* in Figs. 2 and 3.

E represents a springing finger, which, as shown, is formed integrally with the vertical plate C, having a lower edge of such a formation as adapts the edge of said finger to enter one of grooves *a* in the spoon D.

H is a flange secured to the side of the case. The upper edge of the said flange H is so formed as adapts the said edge of the flange to enter the remaining groove of the spoon D.

Assuming the spoon to be detached from the case, in order to attach the same the spoon D may be inserted between the springing finger E and the flange H, the edges of the said finger and flange entering the grooves of the spoon against the slight springing tendency of the finger E, and thus securely holding the spoon D detachably to the case.

It will be apparent that spoons containing different colors or character of paints may be provided, which may be, as desired, respectively attached to the case, the springing finger E serving to hold the spoon in place on the case. It will be seen that this result is accomplished without interfering with the operation of the mechanism and by a simple attachment.

If desired, ridges may be formed on the spoons and grooves on the edge of the flange and the springing finger.

Having thus described our invention, what we claim as new, and desire to secure by Letters Patent of the United States, is—

1. In an air-brush or paint-distributer, projecting arms or brackets attached to the case, and a spoon which receives and holds the liquid pigment, detached from the case, adapted to be adjusted and removably held on said case by said arms or brackets, as and for the purposes set forth.

2. In an air-brush or paint-distributer, projecting arms or brackets secured to and extending from the case thereof, in combination with a spoon which receives and holds the liquid pigment, having grooves or ridges formed thereon, said projecting arms or brackets being adapted to engage said grooves or ridges and detachably hold said spoon between them on the case, as set forth.

3. The combination, with the spoon having grooves or ridges thereon, of a projecting arm or bracket extending from the side of the

case, and a springing finger also extending from the case, said projecting arm or bracket and finger being adapted to engage and detachably hold the spoon, as and for the purposes set forth.

5 4. The combination, with the case of an air-brush or paint-distributer, of a spoon having grooves or ridges, and a springing finger formed integrally with the vertical plate of

the case, and a flanged projecting arm extending from the side of the case to hold the spoon detachably to the case, as and for the purposes set forth.

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