

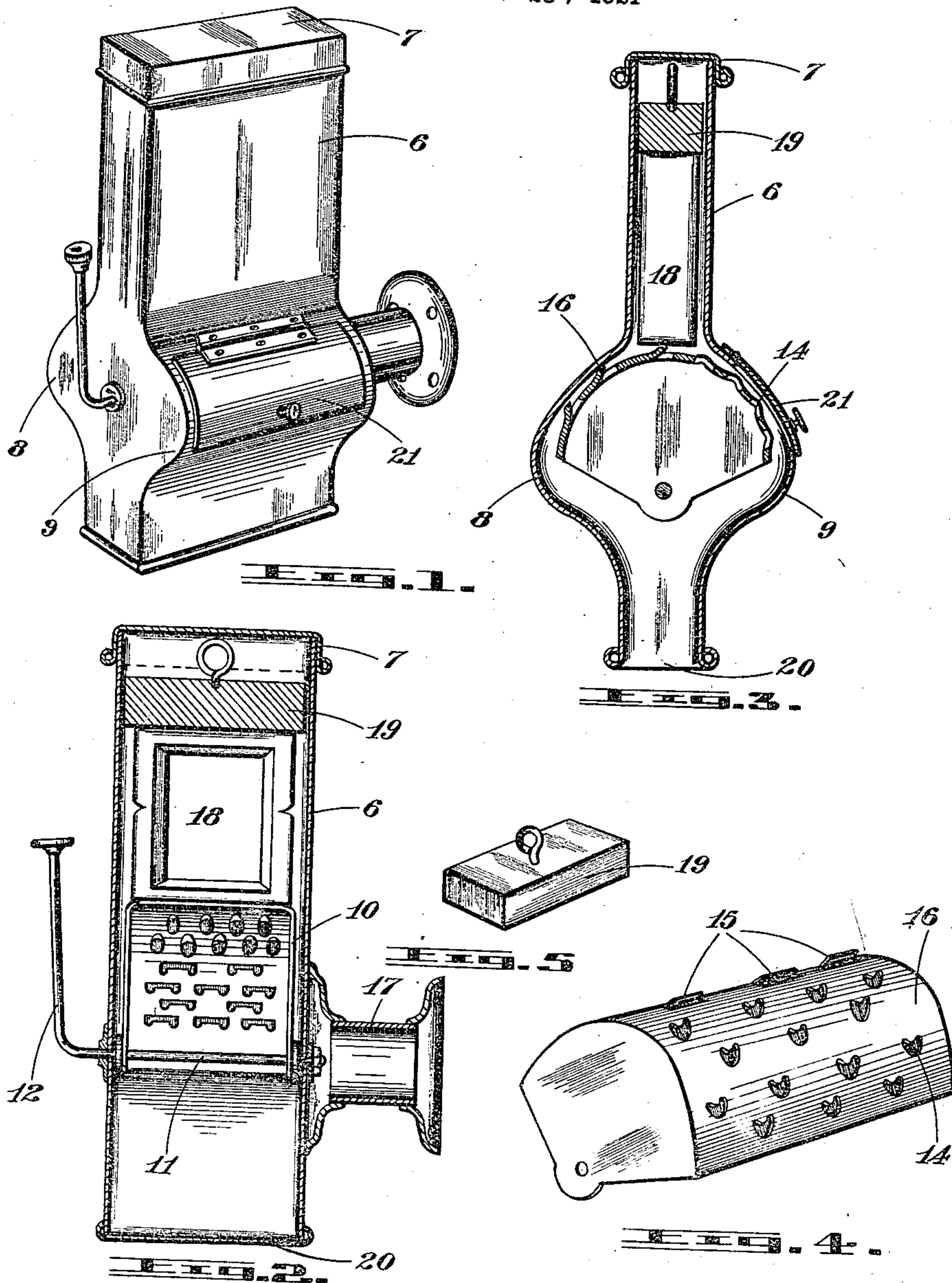
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E. J. KENDALL

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SANITARY SOAP BOX

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INVENTOR
EDWIN JAMES KENDALL
BY *E. H. Bond*
ATTORNEY

UNITED STATES PATENT OFFICE.

EDWIN JAMES KENDALL, OF BEAVER COVE, BRITISH COLUMBIA, CANADA.

SANITARY SOAP BOX.

Application filed December 28, 1921. Serial No. 525,460.

To all whom it may concern:

Be it known that I, EDWIN J. KENDALL, a citizen of the Dominion of Canada, residing at Beaver Cove, Vancouver Island, in the Province of British Columbia, Canada, have invented certain new and useful Improvements in Sanitary Soap Boxes, of which the following is a specification.

The present invention relates to an improved sanitary soap receptacle. The principal object of the invention is to provide a mechanical, sanitary soap receptacle, upon actuation of which, the soap in the receptacle is abraded, the abraded miniature portions falling through an opening in the lower portion of the receptacle into the operator's hand.

Other novel features of the invention reside in the mechanical abrasion of the soap. With these and other objects in view, the invention consists in the construction, combination and arrangement of parts as will be hereinafter fully described, illustrated in the accompanying drawings and pointed out in the claim hereunto appended.

Figure 1 is a perspective view of my present invention.

Figure 2 is a transverse vertical section of Figure 1.

Figure 3 is a vertical cross section of Figure 1.

Figure 4 is a perspective view of the abrasion member.

Figure 5 is a perspective view of the weight functioned to keep the soap in contact with the abrasion member.

Referring to the drawings, like numerals designate like parts in the various drawings.

The numeral 6 indicates the outer casing of the receptacle which is preferably constructed of sheet metal and has a detachable cover 7 positioned on its upper terminal, the sides 8 and 9 of the receptacle enlarged arcuately. Intermediate the enlarged arcuate portion of the receptacle, is positioned the abrasion member 10 which is preferably constructed of sheet metal. The abrasion member 10 is substantially mounted on the transverse portion 11 of the actuating rod 12 which is pivotally mounted in the sides of the casing 6.

Pyramidal projections 14 and knife-like projections 15 are configured on the arcuate

periphery 16 of the abrasion member. These projections abrade the soap upon actuation of the abrasion member.

A suitable bracket, as indicated by the numeral 17, is substantially mounted on one side of the casing 6 and is functioned to secure the receptacle to a wall.

The soap, indicated by the numeral 18, is positioned in the chamber above the abrasion member and is held in contact with the abrasion member by the weight 19 which is loosely positioned above the soap 18. An opening 20 is positioned at the lower terminal of the receptacle. A door 21 is positioned as indicated diagrammatically and facilitates the access to the abrasion member if the same should become clogged.

When the operator desires to wash, the rod 12 is actuated in an oscillatable manner and the abrasion member 10 is likewise oscillated. The actuation of the abrasion member scrapes miniature portions from the soap and the same fall through the opening 20 into the operator's hand.

It is obvious that I have provided an efficient and sanitary device of the character described which is economical in construction and efficient in operation.

While I have illustrated and described the preferred form of construction of my invention, it will be understood that minor changes in construction, combination and arrangement of parts may be made without departing from the spirit and scope of the appended claim.

From the foregoing, it is thought that the construction of my invention will be clearly understood and, therefore, a more extended explanation has been omitted.

What I claim as new is:

A device of the character stated comprising a cutter, its operating shaft, a hollow bracket, and a retaining nut for the operating shaft, the said hollow bracket allowing access to said retaining nut for the purpose of assembling and disassembling the device.

In testimony whereof, I affix my signature in the presence of two witnesses.

EDWIN JAMES KENDALL.

Witnesses:

WM. E. WALSH,
F. BAKER.