

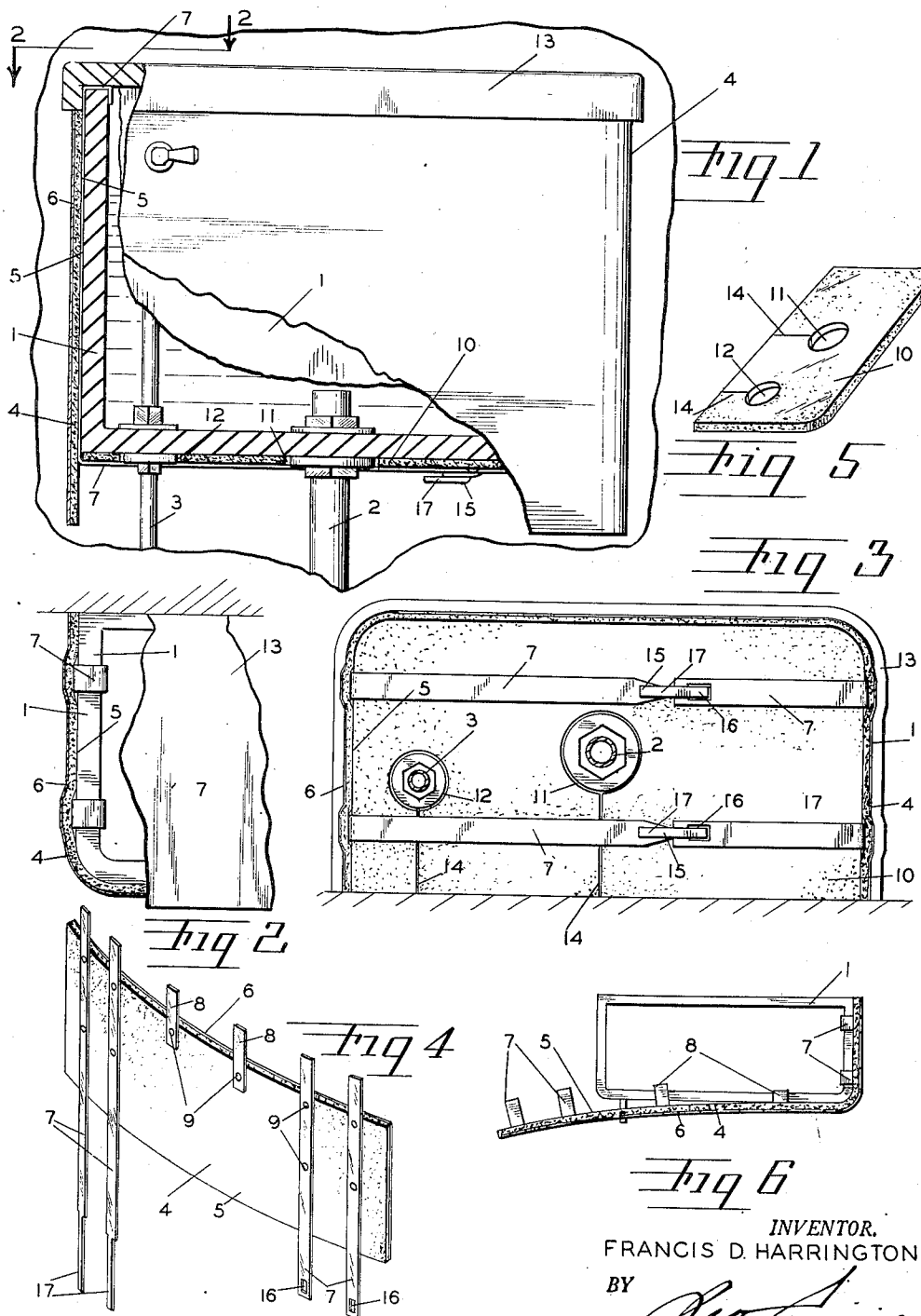
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INSULATION JACKET FOR TOILET TANKS

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INSULATION JACKET FOR TOILET TANKS

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1 Claim. (Cl. 4—68)

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This invention relates to toilet tanks and consists of covering the tank with insulation to prevent condensation on the outside of the tank. Considerable trouble from condensation is experienced by toilet tanks particularly those constructed of one piece of material, and it is the primary object of my invention to surround the tank with a jacket of insulation that will prevent this condensation.

A further object of the invention is to so construct an insulating jacket for this purpose that can readily be adapted to the outside of any tank already in existence and secured thereto by the layman.

These and other incidental objects will be apparent in the drawings, specification and claim. Referring to the drawings:

Figure 1 is a front view of a toilet tank having my new and improved insulating jacket secured thereon, parts broken away for convenience of illustration.

Figure 2 is a fragmentary plan view, taken on line 2—2 of Figure 1 partially broken away for convenience of illustration.

Figure 3 is an inverted plan view of Figure 1 looking into the bottom of the tank.

Figure 4 is a fragmentary perspective view of the insulation for surrounding the ends and front of the tank illustrating the holding straps secured thereon.

Figure 5 is a perspective view of the bottom insulating sheet.

Figure 6 is a plan view of the tank illustrating the method of applying the insulating thereto.

In the drawings:

The universal standard toilet tank is indicated at 1 with the usual flushing pipe 2 and supply pipe 3 entering the tank. My invention consists of a sheet of insulation indicated by numeral 4, preferably made of two parts, the inner surface 5 of insulation and an outer surface 6 of any material providing the desired finish and appearance. The side of the material is exposed to the view and may be of imitation leather, plastic or may be adapted to be covered still further with turkish towelling which may be secured to the same by snap fasteners or the like.

Holding strips and clips 7 and 8 are secured to the sheeting 4 by any suitable means as rivets 9. The sheet of material 10 indicated in Figure 5 provides insulation for the bottom of the tank and may or may not have cut outs at 11 and 12 for fitting around the pipes 2 and 3, as these pipes are more or less universal. These cut outs can be made when the material is originally formed.

In the installation of my new and improved insulating jacket, the lid 13 of the toilet tank is removed from the tank 1 and one end of the sheet 4 is brought in contact with the end of

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the tank, best illustrated in Figure 6, and the strips of metal 7 and 8 are bent over the top of the tank. The strips are not pre-bent as thicknesses of tanks vary, and the bending of the strips on the particular tank insures a close contact of the sheet against the tank.

In Figure 4 I illustrate a slight curve in the sheet of material. The object of this curve is to cause the material to contact the outer surface of the tank snugly when placed against the same as indicated in Figure 6, although I do not wish to be limited to this particular feature.

After the jacket has been secured around the side and end wall of the tank the sheet of material 10 is brought up under the tank and the slits 14 are spread apart permitting the openings 11 and 12 to be placed around the pipes 2 and 3. The ends 15 of the holding strips 7 are then bent up under the tank underneath the sheet 10 and brought together as best illustrated in Figures 1 and 3. One of the strips has openings 16 for receiving the reduced ends 17 of the opposite end of the strip which is bent over when the same has been brought up tightly under the insulation sheet 10 locking the whole assembly securely to the tank.

From the above description it will be readily apparent that I have carried out the object of my invention; that is, an insulation jacket that can be easily applied to a toilet tank by the average person. The jacket not only prevents condensation but it presents a pleasing appearance.

My invention is intended to be installed on the standard water toilet tanks already manufactured or installed.

I do not wish to be limited to the exact mechanical means of securing the same to the tank as other mechanical equivalents may be substituted still coming within the scope of my claim.

What I claim as new, is:

An insulating jacket for flush tanks, comprising a first sheet of insulating material of a size to cover the front and ends of a flush tank and of a length to form an apron below the tank when the jacket is fitted thereto, a second sheet of insulating material to cover the bottom of the tank and of such size as to fit within the confines of the apron, said second sheet having openings to fit around pipes from the tank, the upper end of the first sheet having deformable hooks to engage the upper edge of the front of the tank, the first sheet having pairs of elongated strips of flexible, deformable material secured on the inner surface and near the ends of said sheet, said strips being adapted to be bent at their upper ends to fit over the top edges of the sides of the tank and having their lower ends to fit under the second sheet within the confines of the apron, one pair of said strips having openings in

which the terminals of the companion pair of strips fit and are bent to hold the second sheet to the tank.

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