

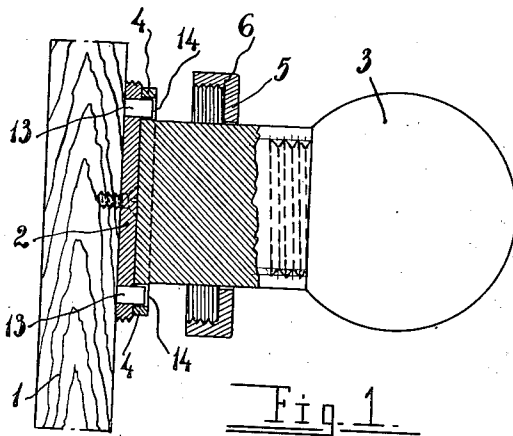
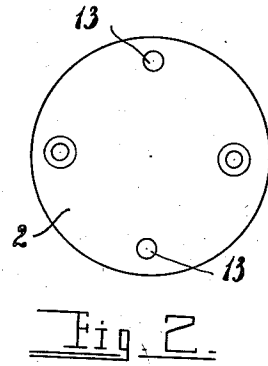
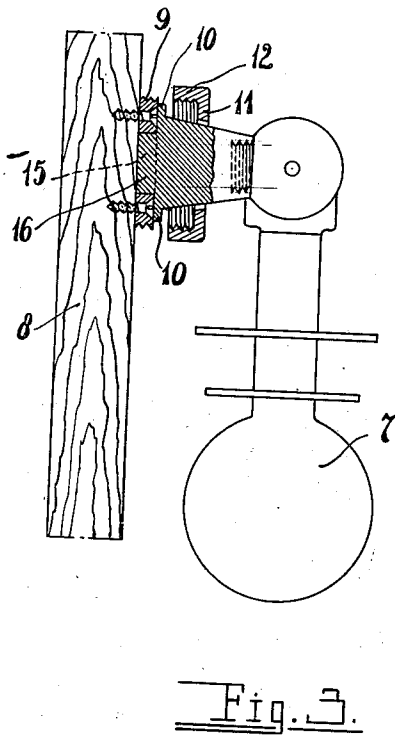
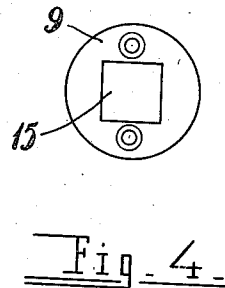
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A. DE VRIES

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KNOB ATTACHMENT

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2,080,656

KNOB ATTACHMENT

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3 Claims. (Cl. 16—121)

My invention relates to means for attaching knobs, handles or other objects to a wall, door or the like. It is an object of my invention to provide means whereby such objects can be attached to a wall, door, window or the like in a particularly easy and efficient manner without unnecessarily spoiling the material, on which the object is fixed.

In the drawing affixed to this specification and forming part thereof two modifications of a door knob attachment embodying my invention are illustrated diagrammatically by way of example.

In the drawing,

Fig. 1 is an axial section of the first modification, Fig. 2 being a plan view of the base plate.

Figs. 3 and 4 are similar views of the second modification.

Referring to the drawing and first to Figs. 1 and 2, 1 is a portion of a door frame or the like and 2 is a plate, for instance a metal plate, of circular configuration fixed to the door by wood screws. 3 is the door knob and 4 is an annular flange surrounding its base and having a diameter slightly inferior to the diameter of the plate 2. 5 is a screw cap surrounding the stem of the knob and 6 is the internally threaded screw flange, which fits on the external screw thread of the plate 2. 13 are pins fixed in the plate 2 and 14 are holes in the flange 4 fitting over the pins.

When the knob is applied to the plate 2 with the holes 14 in the flange 4 embracing the pins 13 on the plate 2, the screw cap is screwed down onto the plate and will now hold the knob on the plate, which thus appears as being fixed to the door without any fixation means such as wood screws or the like being visible.

In Fig. 3 the knob 3 is replaced by a handle 7, while to the door 8 is fixed by means of screws a circular plate 9. The base of the handle is formed with a flange 10 of smaller diameter than the interior of the screw cap 11, the cylindrical flange 12 of which is formed with an internal thread fitting on the thread formed on the plate 9. This plate is cut out at 15 and into the square hole fits the square extension 16 of the handle. Thus, when the cap 11 is screwed down on the plate 9, the handle is not only fixed to the plate

9 and the door, but also prevented from turning.

Obviously the means for fixing the plate to the door and the means for preventing circumferential displacement of the knob or handle relative to the plate, may vary according to the requirements of each individual case.

I wish it to be understood that I do not desire to be limited to the exact details of construction shown and described for obvious modifications will occur to a person skilled in the art.

I claim:—

1. In an attaching means of the kind described, the combination of a circular base plate formed with an external thread, a flange formed on the object to be attached to the plate and having a diameter inferior to the diameter of the plate, a screw cap for coaction with said flange and base plate embracing the object to be attached and fitting the external thread on said plate, and means on one of the coacting parts for preventing circumferential displacement of the object relative to said plate.

2. In an attaching means of the kind described, the combination of a circular base plate formed with an external thread, a flange formed on the object to be attached to the plate and having a diameter inferior to the diameter of the plate, a screw cap for coaction with said flange and base plate embracing the object to be attached and fitting the external thread on said plate, and means projecting from one of the coacting parts into the other part and serving for preventing displacement of the attached object relative to said plate.

3. In an attaching means of the kind described, the combination of a circular base plate formed with an external thread, a flange formed on the object to be attached to the plate and having a diameter inferior to the diameter of the plate, a screw cap for coaction with said flange and base plate embracing the object to be attached and fitting the external thread on said plate, a depression of non-circular contour formed in one of the coacting parts and a projection fitting into said depression formed on the other coacting part to prevent relative circumferential displacement.

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