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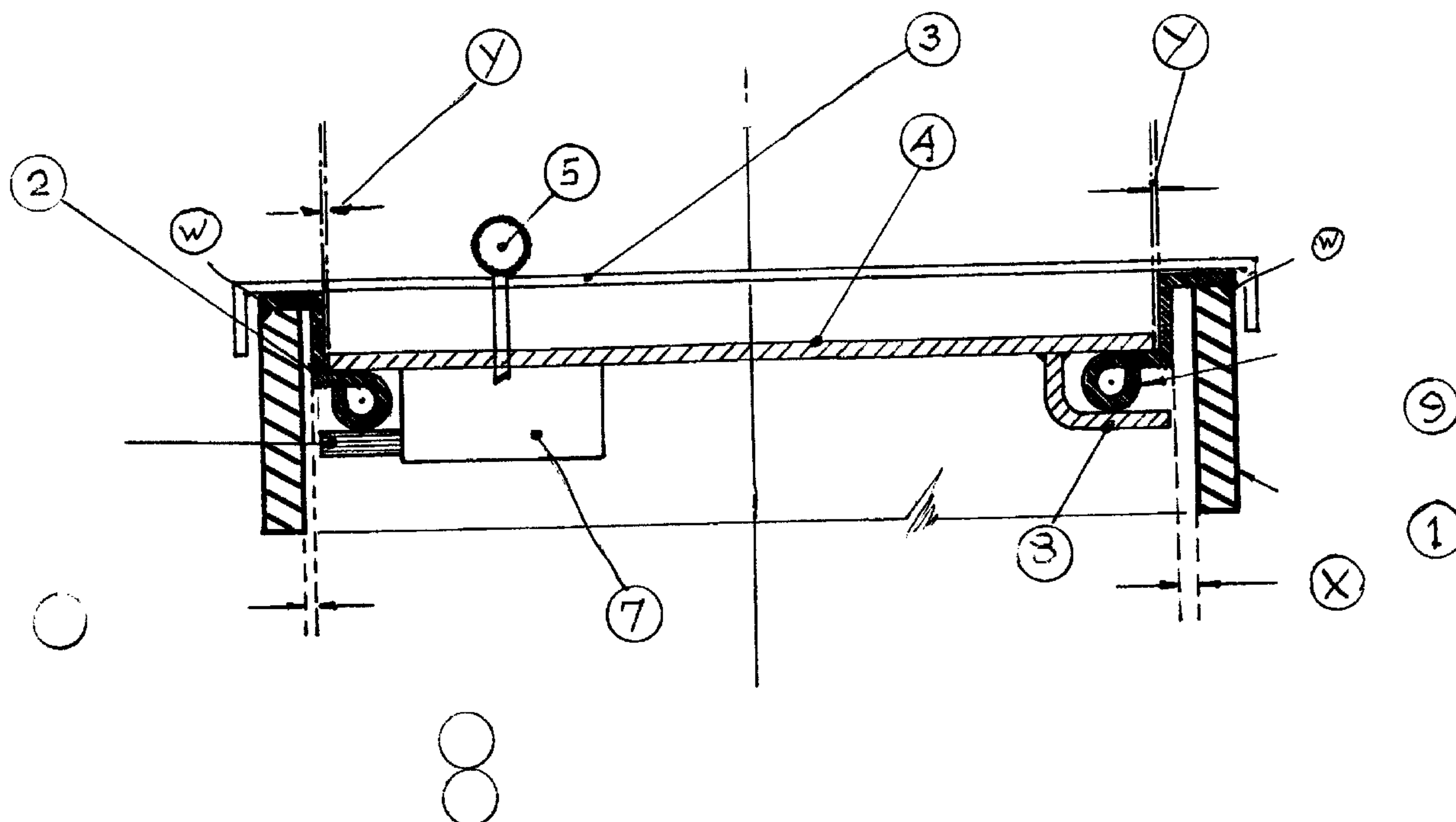
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(54) Titre : DISPOSITIF DE VERROUILLAGE D'ARMOIRES METALLIQUES BLINDEES POUR ARMES OU AUTRES  
OBJETS

(54) Title: A SAFE/GUN SAFE LOCKING DEVICE



(57) Abrégé/Abstract:

A cylindrical Gun Safe locking device is disclosed. The structure comprises a Safe lid and locking device which can be securely fitted on any safe of Cylindrical design. Primarily the design is intended for a Gun safe, however it could be used for a general storage safe. The gun safes have been made of variable sizes to suit either pistols, rifles or similar. The device has been constructed from discarded gas cylinders and steel pipe offcuts. The appearance of the gun safe is important and has been made acceptable and variable. There are no visible external welds in the outer casing. The gun safes can be set in a concrete floor or wall and lend themselves to easy concealment when placed in house or workshop.





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A cylindrical Gun Safe locking device is disclosed. The structure comprises a Safe lid and locking device which can be securely fitted on any safe of Cylindrical design. Primarily the design is intended for a Gun safe, however it could be used for a general storage safe. The gun safes have been made of variable sizes to suit either pistols, rifles or similar. The device has been constructed from discarded gas cylinders and steel pipe offcuts. The appearance of the gun safe is important and has been made acceptable and variable. There are no visible external welds in the outer casing. The gun safes can be set in a concrete floor or wall and lend themselves to easy concealment when placed in house or workshop.



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**Description**

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A series of simple safes (Gun Safes) have been constructed incorporating all of the above claims.

As many of the Cylinders are out-of-round, the insert collar permits the safe lid fitting "4" on the exterior face of the ledge. The fit has a minimum clearance "Y" between the outer edge of the lid and the inner circumference of the safe wall.

This minimum clearance prevents the insertion of a lever to force the lid from its locked position.

The insert collar or adaptor achieves its design purpose with a variable clearance within the Safe cylindrical wall (See "X" on Figure 1 and Figure 2).

#### DRAWINGS OF SAFE

This creates a near perfect circle base within the safe cylinder for the actual close tolerance fitting of the safe lid.

The insert collar "2" as described in the Claims is welded on at the top of the cylinder being made into a gun safe ("W" in Figure 1).



The insert collar is made by turning, pressing, casting or other means to take the out-of-roundness making the fitting of the lid "4" and locking mechanism "7" more precise and easier to construct.

The Cylinders used "1" are heavy-wall seamless steel tube. i.e.: disused pressure gas bottles.

The safe comprises the disused pressure gas bottle, cut, then an insert collar "2" welded onto the top over the whole end. A secure lid can then be precisely fitted.

In order to secure the lid "4" into the safe cylinder, a locking lug "8" is fitted on the opposite side of the lid to the actual locking device selected "7".

The professionally made heavy duty locking device "7" is welded to the underside of the lid "4" whilst a removable key locking system is shown, this could alternatively be a combination lock system if deemed necessary.

A cover plate "3" may be fitted over the top of the cylinder as a further disguise and protection for the safe lid "4" if required.

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**Claims**

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1. Insert Collar on Adaptor. An insert collar fitted into the end of the Cylinder be they round or out-of-round.

The insert collar fits axially into the Cylinder

The insert collar forms an extension which has an inwardly projecting ledge, projecting towards the middle of the Cylinder "2" on diagram Figure 1.

The insert collar is primarily welded, forged or fitted by any similar means onto the end of the Cylinder.

The insert collar forms an annular strong ledge that is circular within the cylindrical wall of the gun safe.

That ledge "2" supports a lid with a lock in it.

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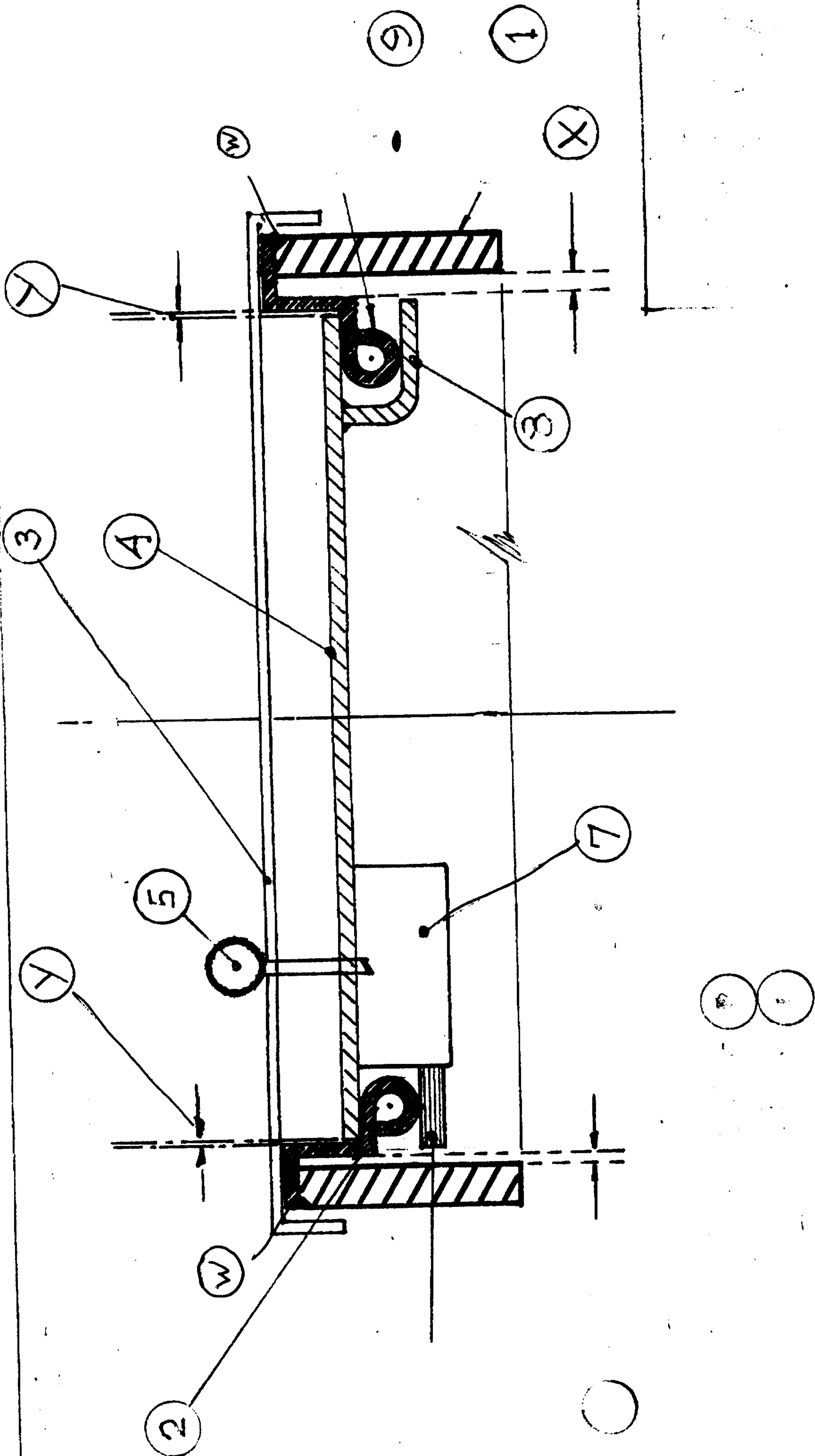


FIGURE 1



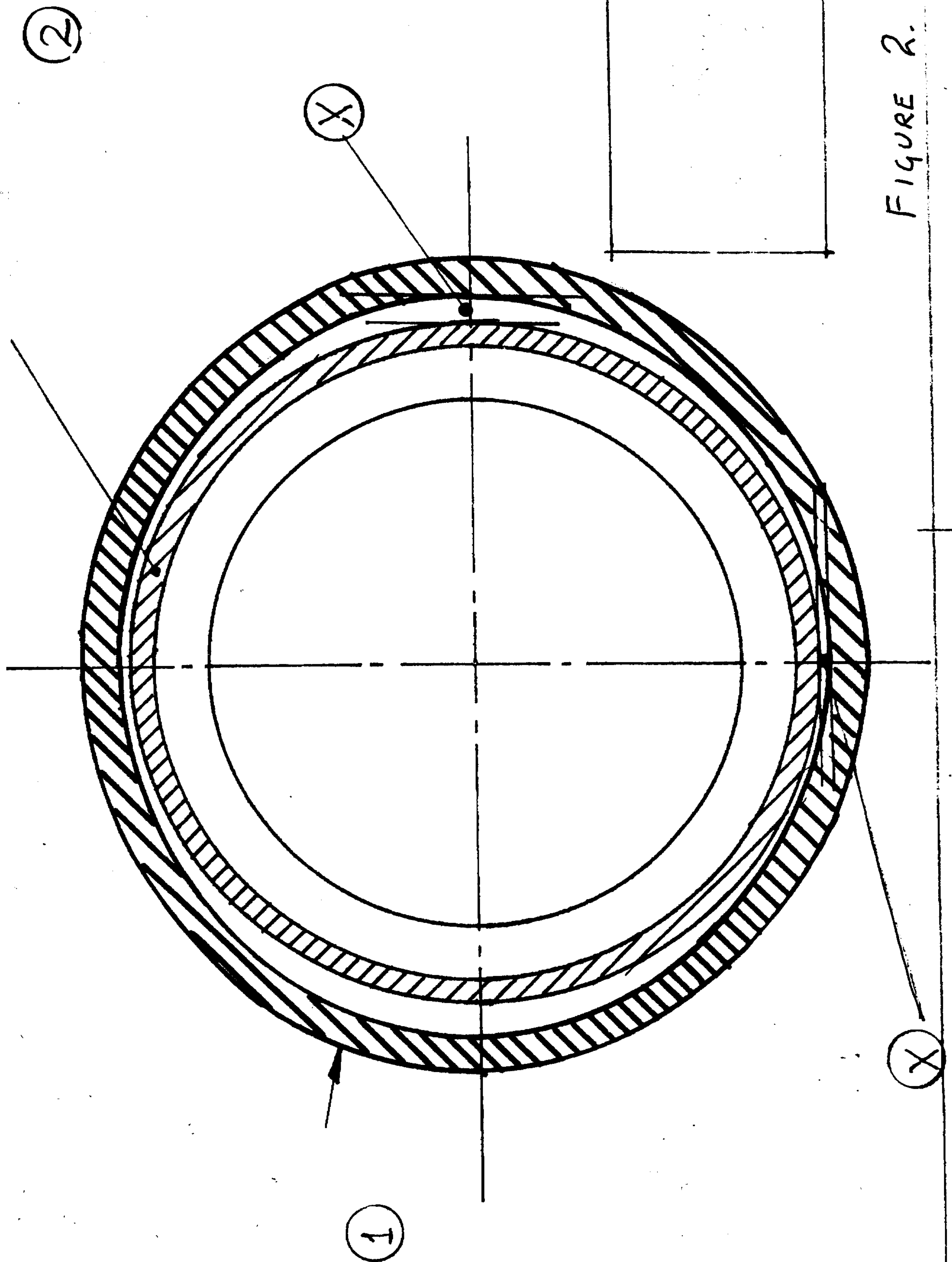


FIGURE 2.



