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BELGRADE**

(51) Int.Cl.<sup>7</sup>

**A 47C 3/00**

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(54) Title: **GLITTERING WEIGHT CHAIRS**

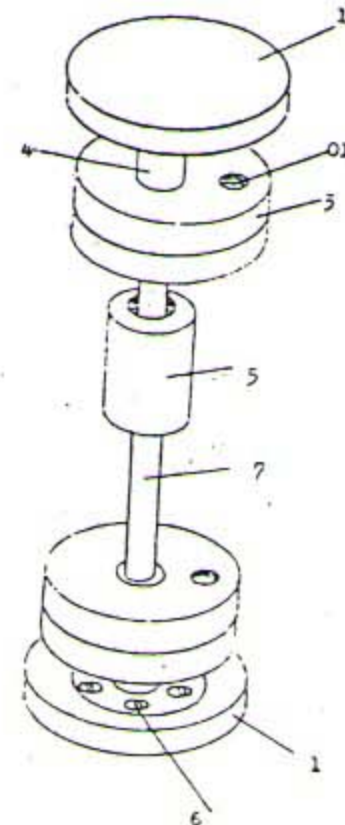
(51) Int.Cl.<sup>7</sup>

**A 47C 3/00**

(57) Abstract:

**YU 49391 B**

The invention of glittering weight chairs is special because a weight out of chairs(1) can be formed, by contacting axles with coupling (5) or in alternative solution with coupling (16). Showing the procedure in figure 7 a weight is shown and description in figure 14 presents an alternative solution of glittering weight chair with a tip (17) for limbering by moving axles (32), (33) with upper part of a foot and a base-lampshade (21) has incorporated either a bulb or a resistant heater.



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## TECHNICAL AREA

This invention relates to chairs which are specific because of their construction and it belongs to A 47 C 3/00 according to the International patent's classification.

## TECHNICAL ISSUE

The technical issue solved by this invention consists of solving chair construction in which base a heating unit is placed and a chair with special mechanism for both limbering up of leg muscles and a heating unit and at the same time using two such chairs – a weight for lifting, which can be a lamp, can be formed.

## TECHNICAL STATE

The chair known for its construction from the patent list UK 1309 985, out of which back support and arm support can be easily formed, does not have any other construction characteristics different from the invention described in this application.

The chair from the patent list US 3,712,672 is also known but its main drawbacks are complexity of operations while assembling the parts of the chair together and there is no possibility to form a weight which is different from the invention described in this application.

Taking into consideration all these, the invention described in this application is new.

## DESCRIPTION OF TECHNICAL ISSUE RESOLUTION

When applying unique performing, it is possible to form a sport weight by connecting the axles of the chairs, using a corresponding coupling. This weight can be decomposed into a chair whose base is made of armored glass with resistant heater and the chair in which base there is a mechanism for limbering up the leg muscles.

The bases of these two chairs can be lampshades, when the weight is formed and placed vertically. In that way we get a weight lamp, lampshades being made of colored armored glass and they can move along the axles of glittering weight chairs.

The example of performance of glittering weight chairs is shown in figures given in the drawing and they are:

- Fig.1: Weight formed out of two chairs
- Fig.2: Glittering weight chair axle
- Fig.3: Glittering weight chair seating
- Fig.4: Coupling sections of glittering weight chair.
- Fig.5: Folded up glittering weight chair
- Fig.6: Base section of glittering weight chair
- Fig.7: Alternative solution of a weight formed out of two chairs
- Fig.8: Axle section of one glittering weight chair
- Fig.9: Axle section of the other glittering weight chair
- Fig.10: Coupling section of alternative solution of the chair
- Fig.11: Coupling tip
- Fig.12: Alternative solution of glittering weight chair
- Fig.13: Pins for limbering
- Fig.14: Alternative solution of glittering weight chairs with a mechanism for limbering
- Fig.15: Section of the nut for upper part of coupling

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Fig.16: Section of the nut for lower part of coupling

Fig.17: Section of the alternative solution of glittering weight chairs

Fig.18: Section of the bush

Fig.1 – There is a weight formed out of two chairs with a coupling 5. A bulb can be placed through a bulb neck 01 and a lampshade 3 which is at the same time a base and is made of colored armored glass. The seat 1 is made of wood or some other material.

Fig.2 - There is a chair axle with screw threads for the seat 1 and a lampshade 3 which is at the same time a base.

Fig.3 – There is a seat 1 with a nut 9 which is placed into a part of axle 4 and unit 9 is for the seat 1 and it is fixed with screw 6.

Fig.4 – There is a coupling section 5.

Fig.5 – One folded up glittering weight chair.

Fig.6 – There is a lamp shade, base section 3 of glittering weight chairs, which consists of upper part 10 and lower part 11, where are the openings O1, O2, O3 and O4 as well as grooves Z1 and Z2.

Fig.7 – Alternative solution of weight formed out of two chairs with coupling 16 at which there is a tip 17 for limbering.

Fig.8 – The axle section of alternative glittering weight chair with a part 13 where both the seat 12 and lampshade – base 21 are screwed.

Fig.9 – The axle of the other glittering weight chair with a part 22 where both the seat 12 and a lampshade – base 21 are screwed.

Fig.10 – Coupling section 16 with a spring 23 for limbering, which is at one end permanently fixed to coupling 16 and with a hook 24 it is attached to the tip 17. At the coupling 16 there are openings O5 through which axle 26 is screwed and axle 25 is wedged into the coupling 16.

Fig.11 – There is a tip 17 for limbering, with half openings 27, 28, 30 and 31 and hanger 29 for the hook 24.

Fig.12 – Alternative solution of one folded glittering weight chair.

Fig.13 – There are pins 32 and 33 which are respectively screwed into half-openings 30 and 31 at the tip 17 for limbering.

Fig.14 – There is an alternative solution of the other glittering weight chair when it is folded.

Fig.15 - Nut section 15 for the upper part of coupling 16 with openings O6 and O7.

Fig.16 – Nut section 18 for the lower part of coupling 16 with openings O8 and O9.

Fig.17 – Alternative solution of the lampshade-base 3 of glittering weight chairs which consists of upper part 34 and lower part 35, where are the openings O10, O11, O12 and O13, as well as a circle grooves Z3 and Z4.

Fig. 18 – There is a bush section

  
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The invention is glittering weight chairs which can be transformed into weights as it is shown in figure 1, the procedure is as follows-lampshade-bases 3 are moved to seat 1 and screwed into part 4 of the axle and parts 8 of axles are screwed with coupling 5. An alternative solution of this invention shown in fig.7, chairs in figure 12 and 14 are linked and they form a weight in the way that a base lampshade 21 is screwed to the part 13 under the seat 12 and base-lampshade 21 is screwed up to 22 part under the seat 12 when pins 32 and 33 are taken off the tip 17. Then the nut 15 with opening 07 is screwed to the upper part of coupling 16 shown in section in fig.10, while the nut 18 with opening 08 is screwed to the lower part of coupling 16. Finally the axle part 14 is screwed into the opening 06 of the nut 15 and part 19 of the axle of the other chair, shown in figure 9 is screwed into half-opening 09 of the nut 18.

Axles from fig.2 and 8 and 9 can be made of hard aluminum, iron or hollow pipes whose walls are thick enough so that the screw threads can be carved into them. Couplings 5 and 16 are made of hard aluminum or iron as well as nuts 15 and 18.

In Fig. 14 we can see the chair which is used for limbering of leg muscles, in the way that with one leg you push base 21 while you move, with upper part of the foot of the other leg, one of pins 32, 33 when the tip 17 is attached with a hanger 29 for the hook 24.

The upper part 10 of the base-lampshade 3 is attached to the lower part 11 of the base-lampshade 3 by screwing to axles from figures 2, 8 and 9

are screwed through openings O2 to the base-lampshade 3, then, the openings O4 has a bigger diameter than opening O2.

At one of glittering weight chairs installment of resistant heater into the groove Z2 is recommendable.

In alternative solution shown in Fig.17, the upper part 34 is screwed into the lower part 35 of the base-lampshade. The bush 36 is glued through opening O13. In the bush 36 there is the opening O14 through which axles from figures 2,8 and 9 are screwed. Diameter of the opening O10 of the upper part 34 of the base-lampshade is a little bit bigger than diameter of the opening O13 at part 35.

At alternative solution, screwing/placing of the bulb through the opening O12 is recommendable and at the other glittering weight chair incorporation of resistant heater Z4 is recommendable.

## CLAIMS

1. Glittering weight chairs characterized by the base-lampshade (3) composed of upper part (10) with openings (O1) for screwing a bulb, opening (O2) for screwing axles and opening (O3) for screwing upper part (10) of the base (3) for the lower part (11) of the base (3) and circular grooves (Z1) and (Z2) in which a resistant heater is placed.
2. Glittering weight chairs according to claim 1 characterized by forming a weight, out of chairs by attaching axles with coupling (5)
3. Glittering weight chairs, according to claim 1, characterized by forming a weight out of chairs by attaching axles with coupling (16)

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4. Glittering weight chairs, according to claim 1, characterized by the bush (36) which is glued through the opening O13 for the lower part of the base-lampshade (3).


5. Glittering weight chairs, according to claim 1, characterized by the base-lampshade (3) where is a bulb and made of colored armored glass.

6. Glittering weight chairs, according to claim 1, characterized by resistant heater incorporated into the base (3).

7. Glittering weight chairs, according to claim 1 characterized by a tip (17) on coupling (16) for limbering up with pins (32) and (33).

8. Glittering weight chairs according to claim 1 and characterized by the tip (17) for limbering to which a spring (23) is attached by a hook (24) over a hanger (29).

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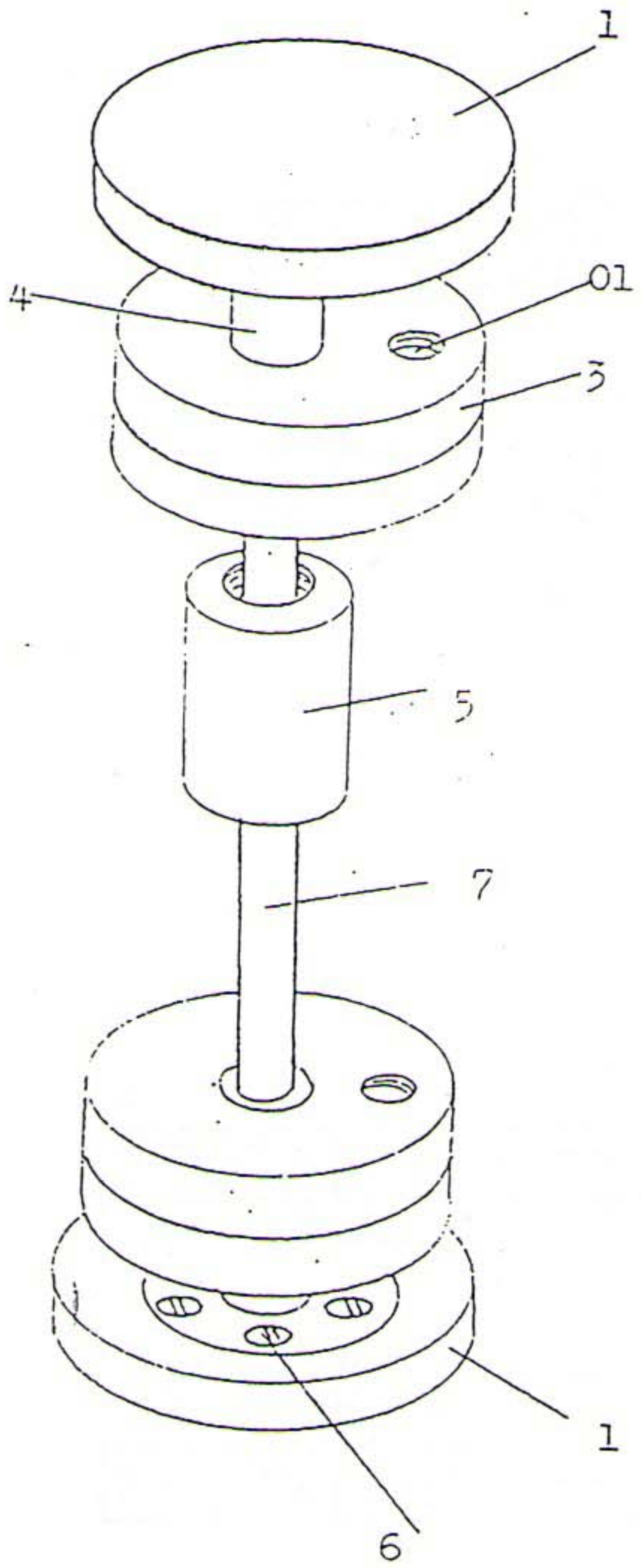


Fig. 1

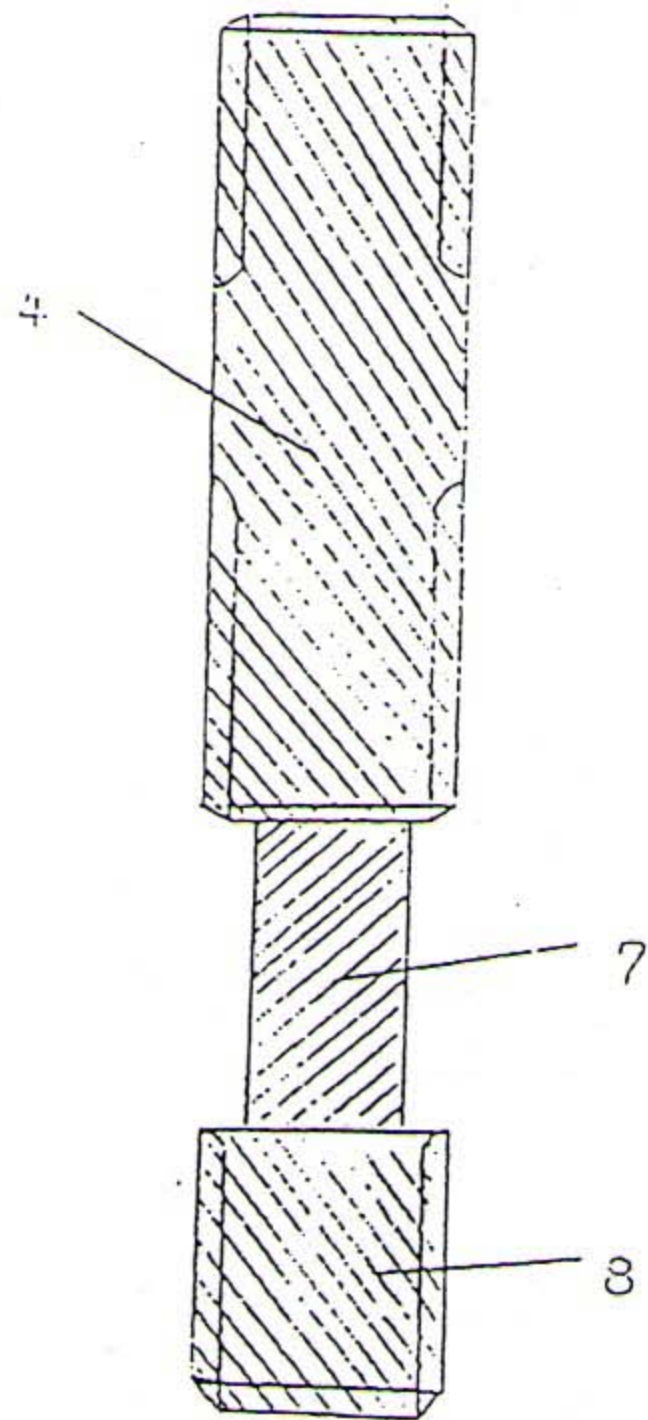


Fig. 2



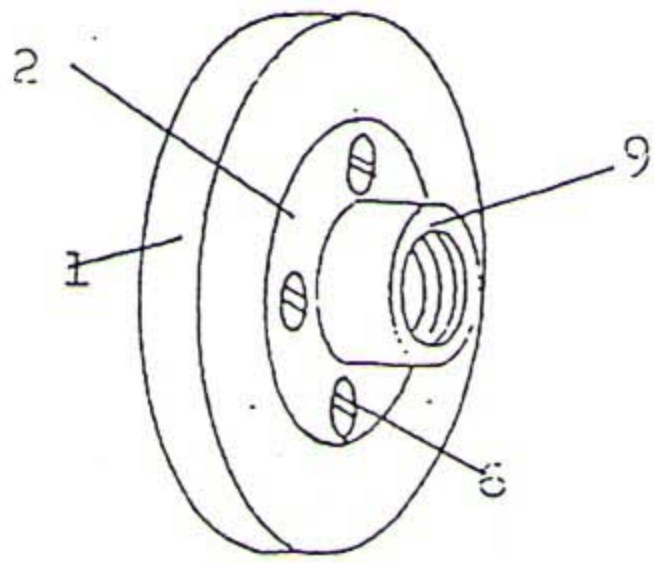


Fig. 3

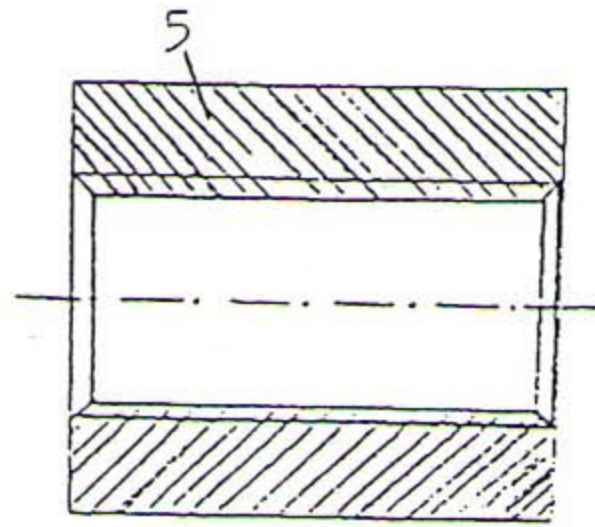


Fig. 4

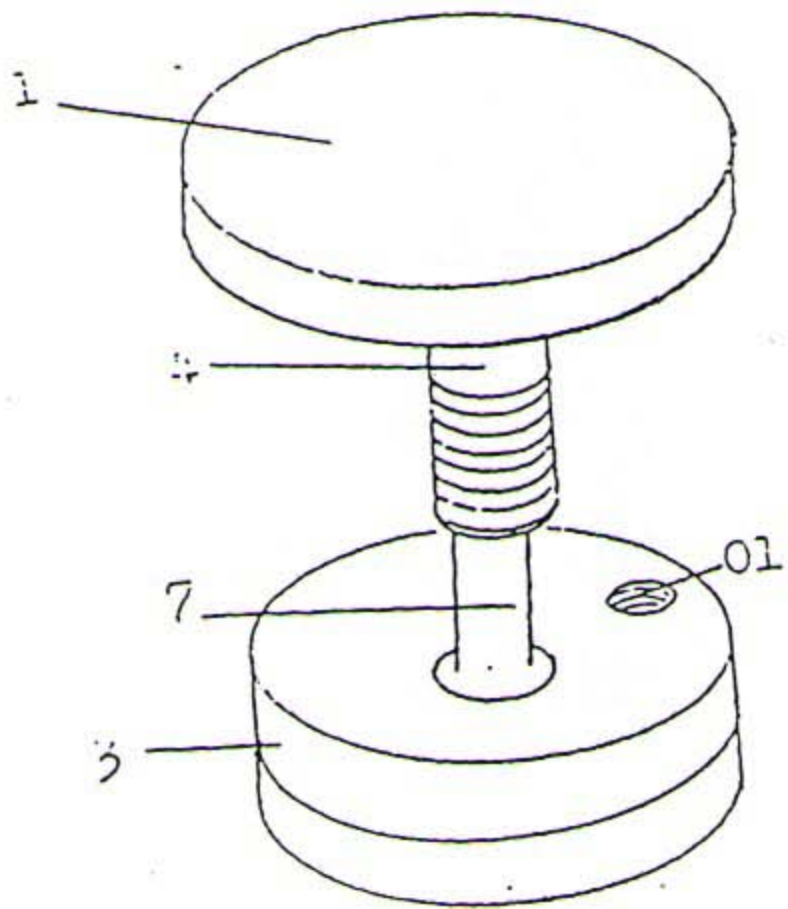


Fig. 5

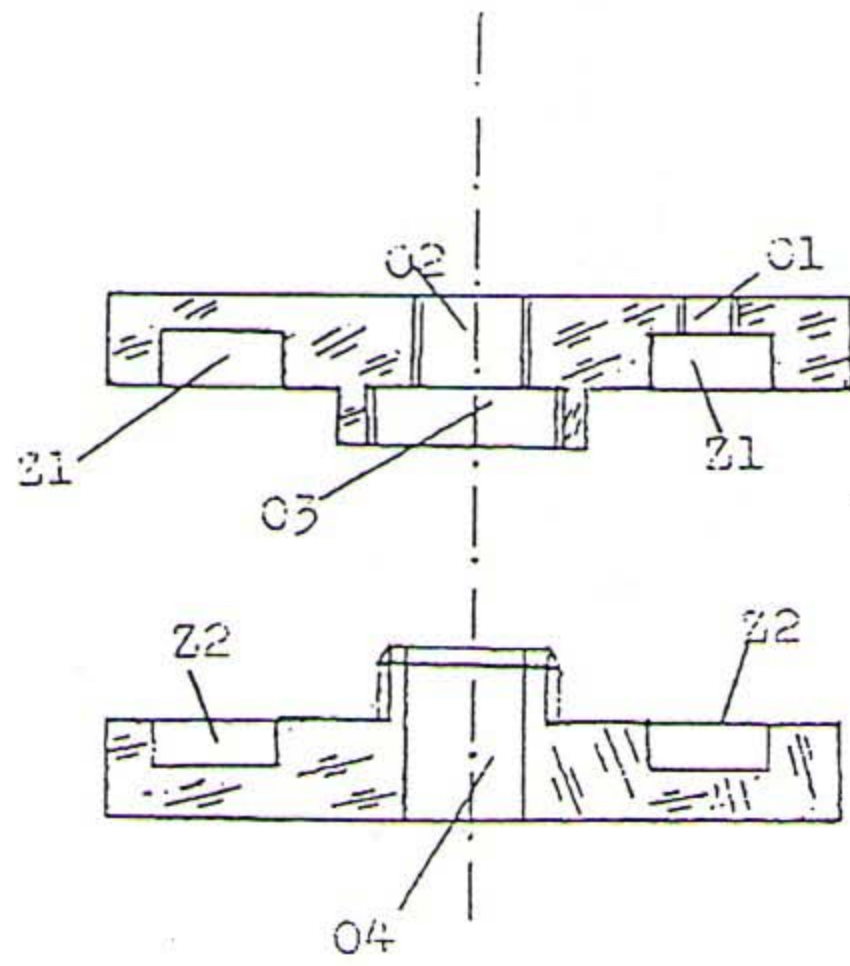


Fig. 6

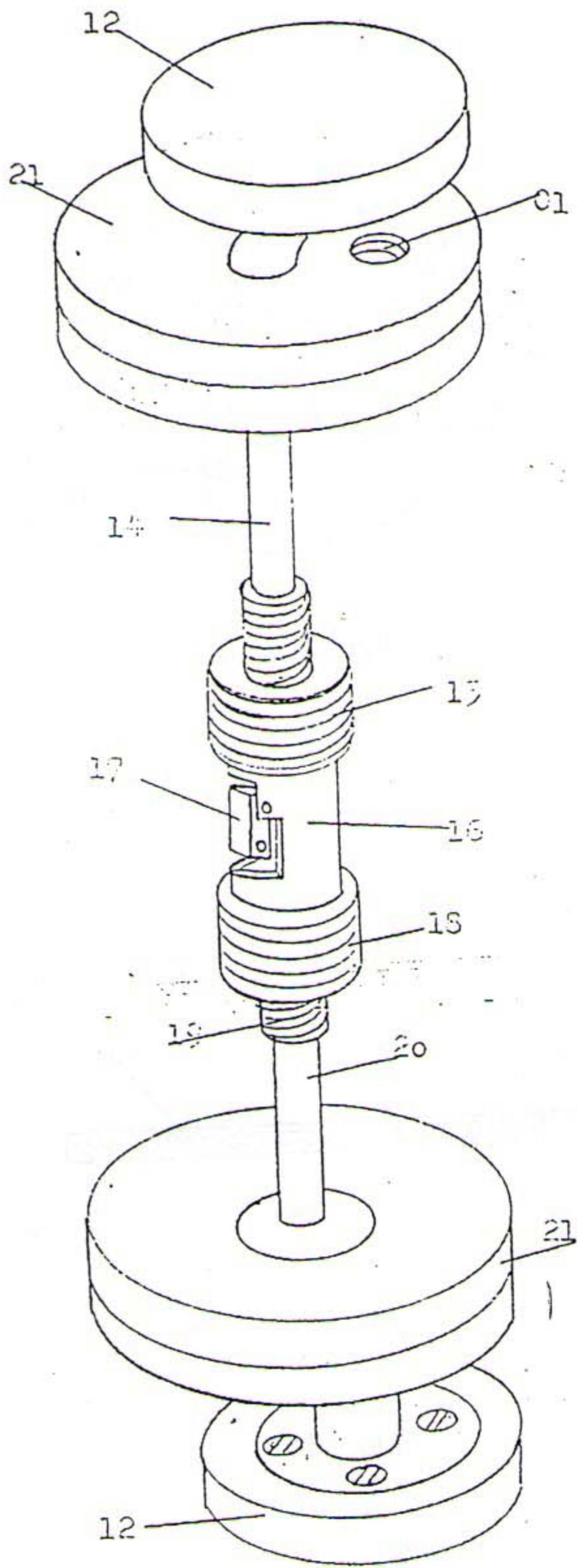


Fig. 7

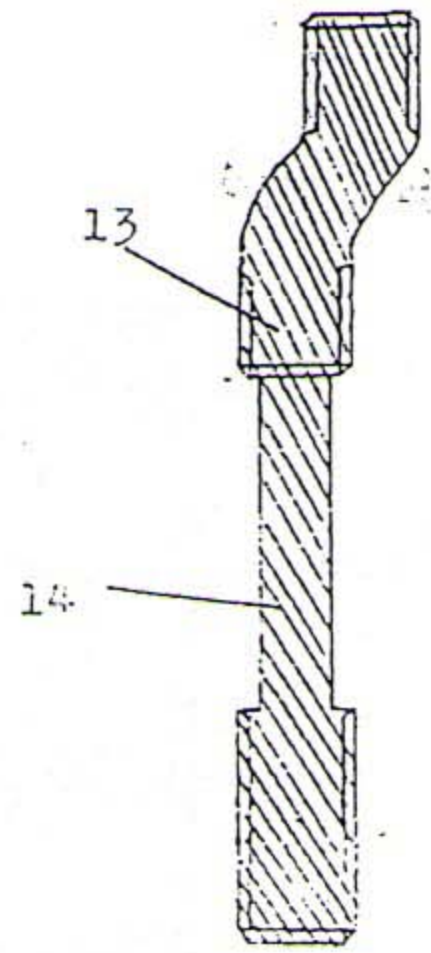


Fig. 8

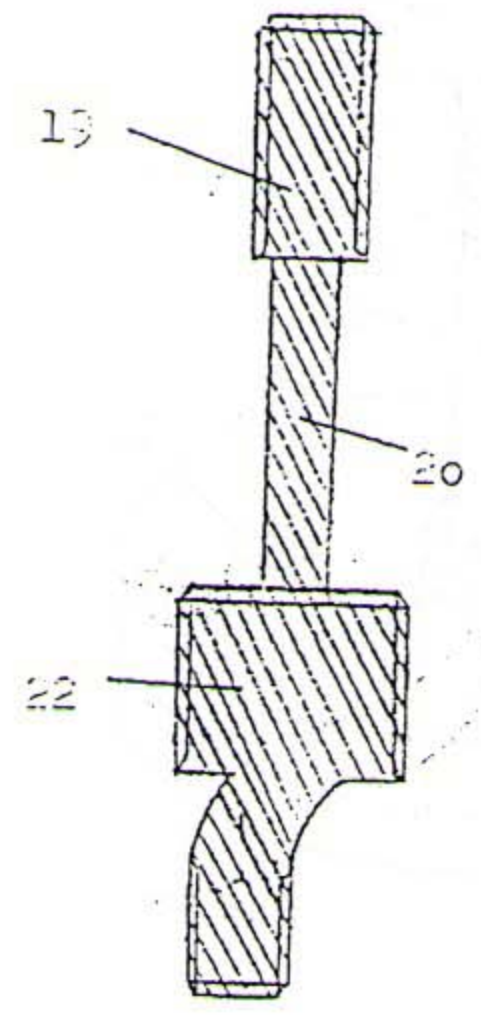


Fig. 9



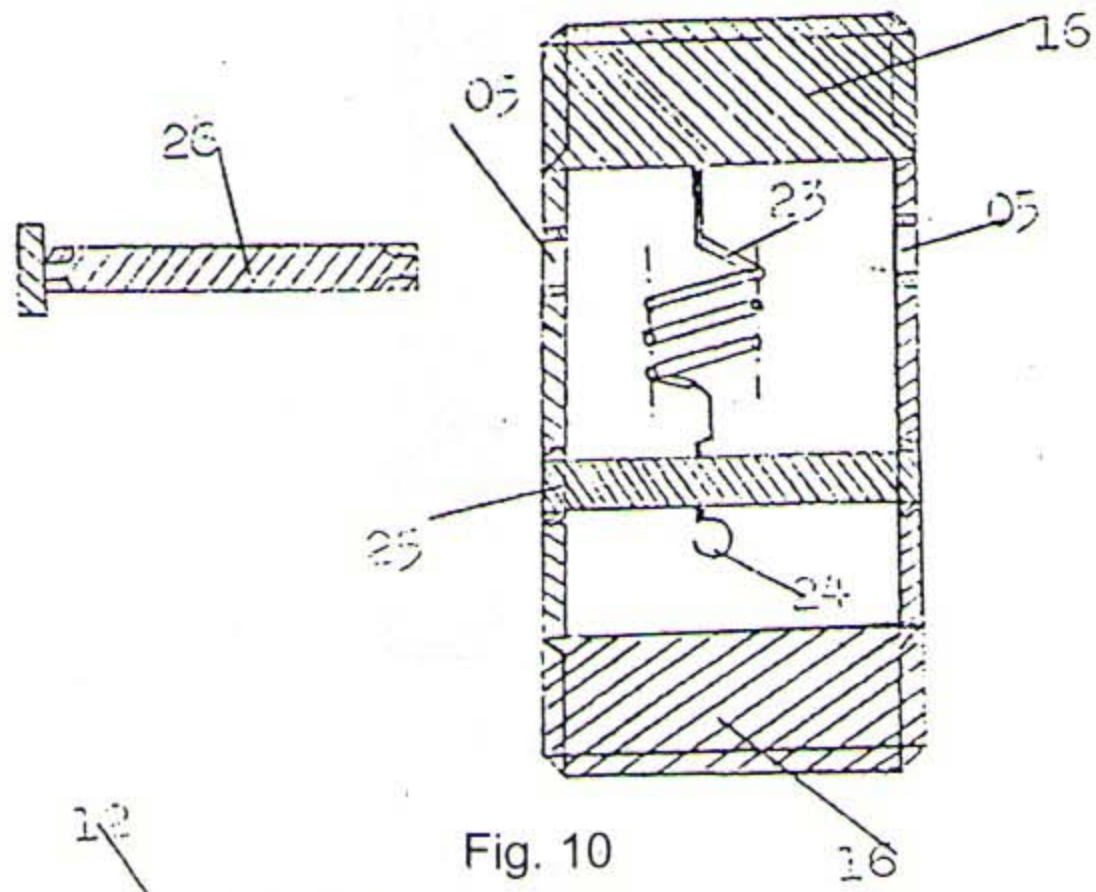


Fig. 10

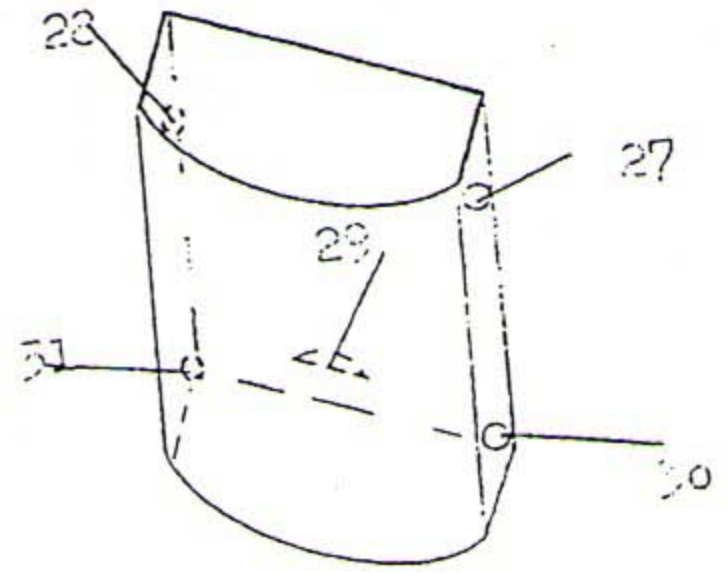


Fig. 11

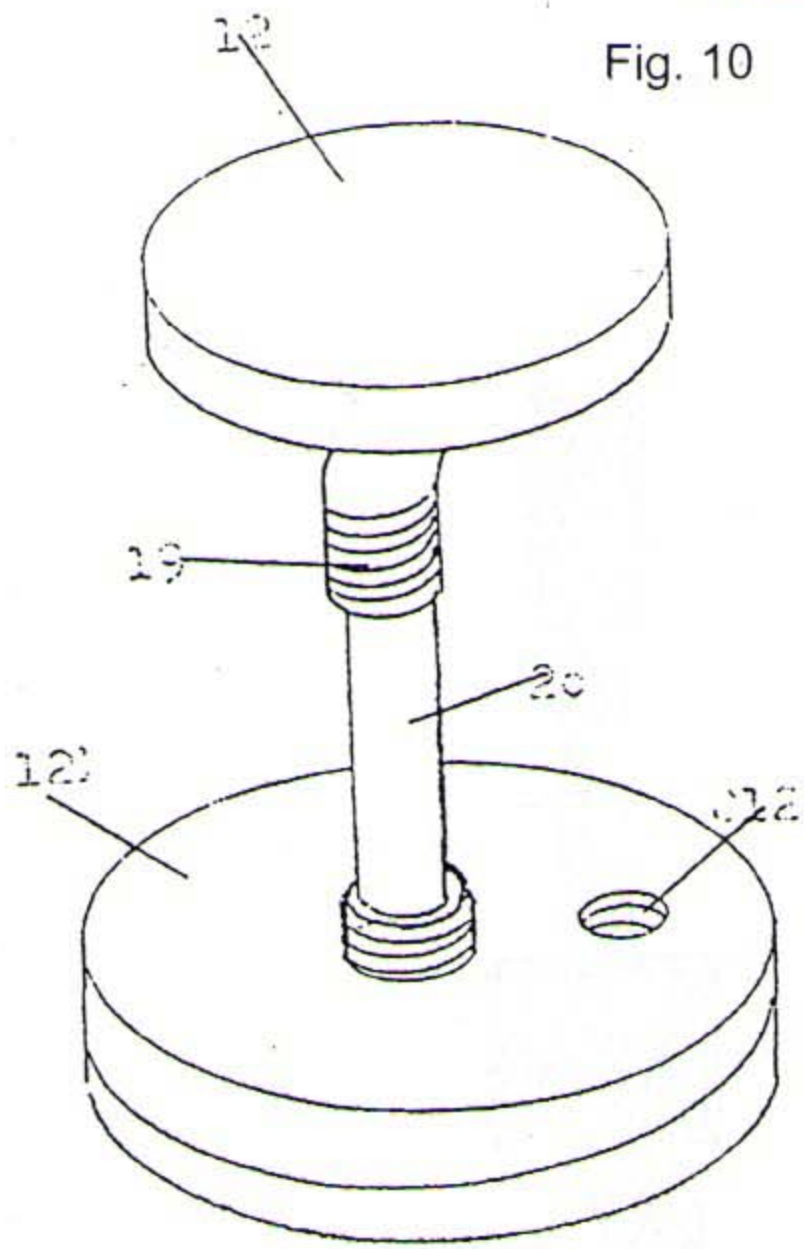


Fig. 12

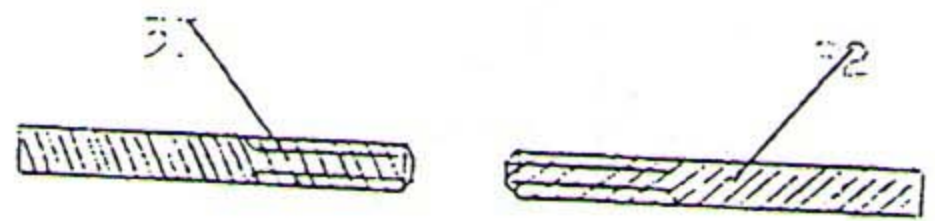


Fig. 13



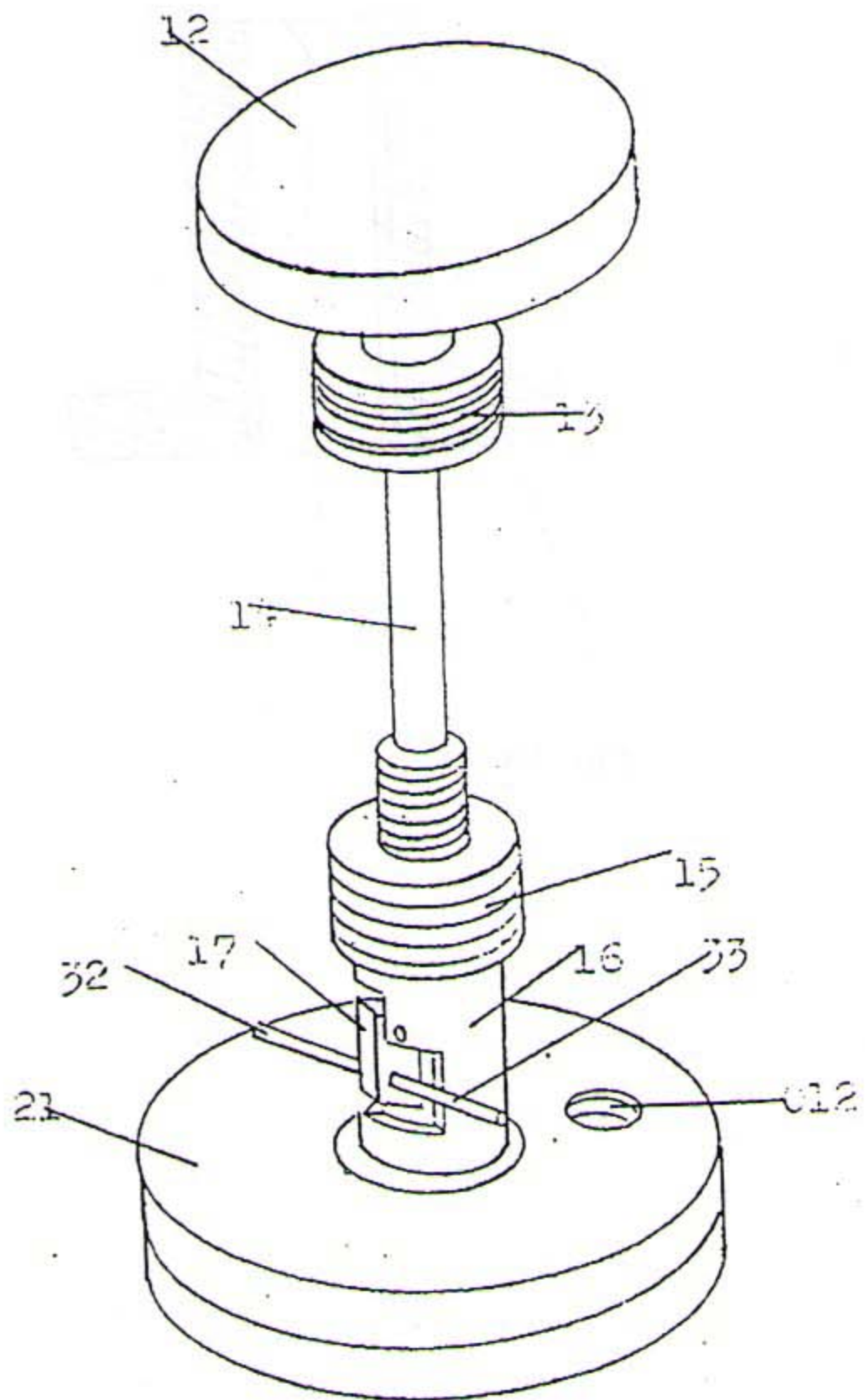


Fig. 14

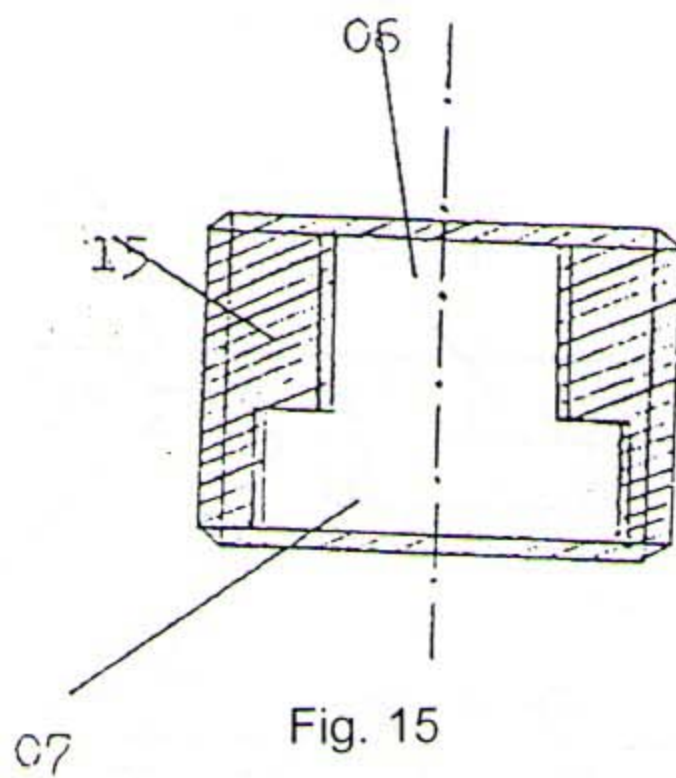


Fig. 15

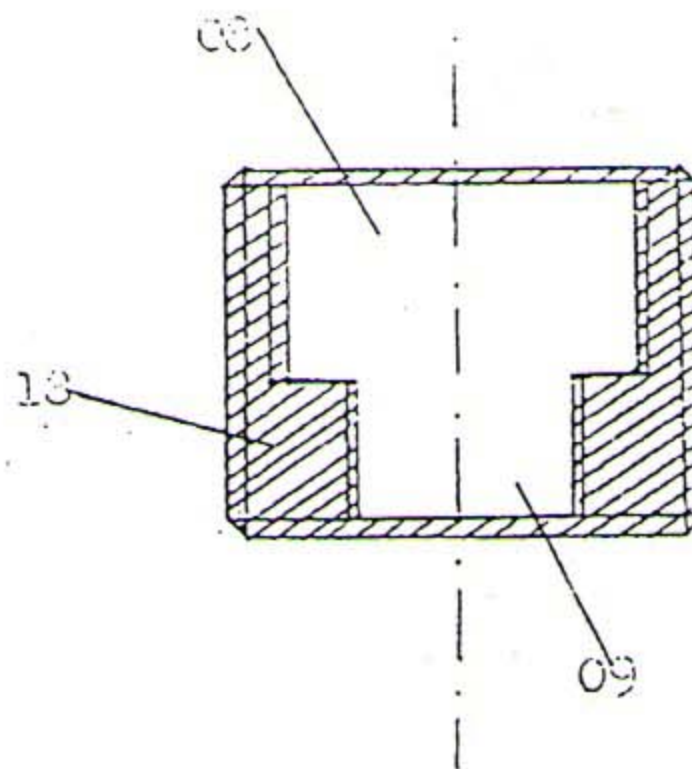


Fig. 16



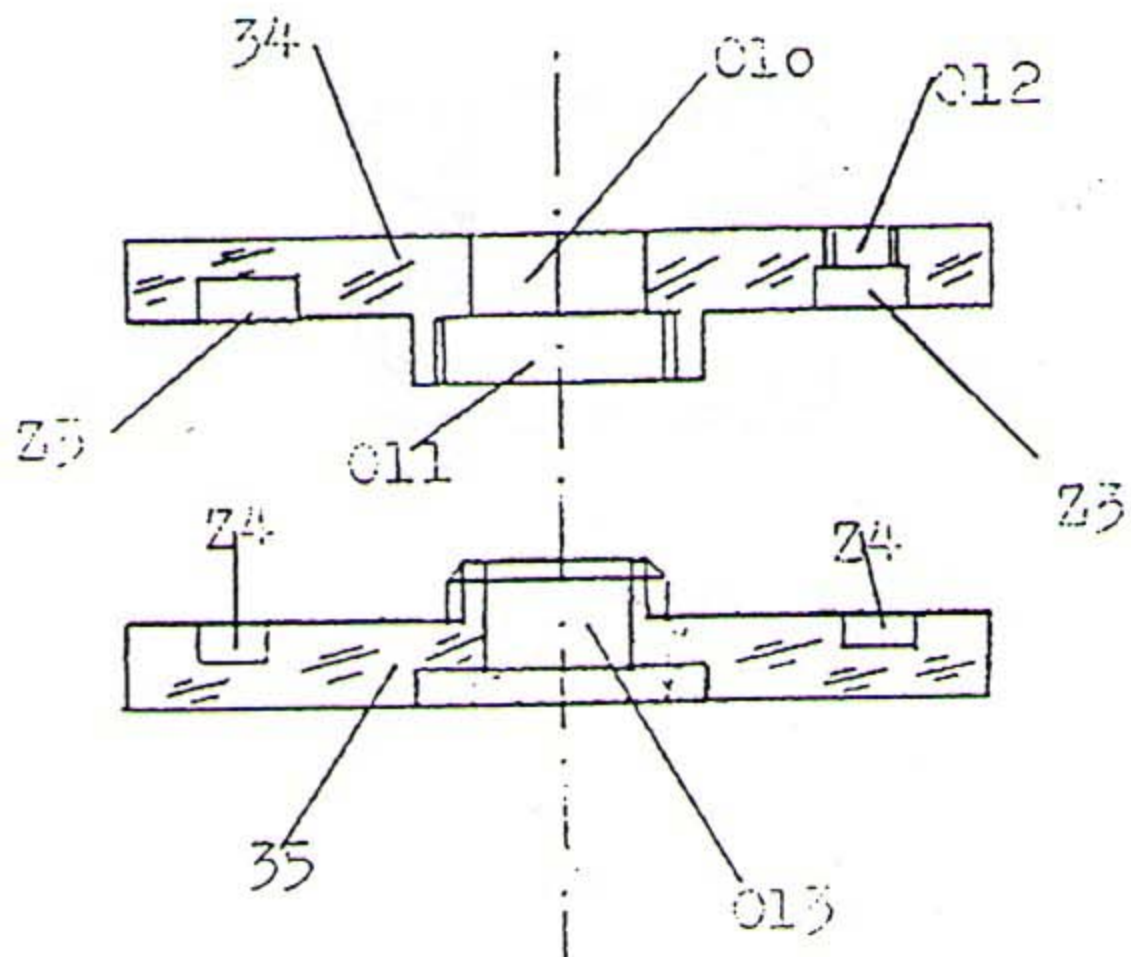


Fig. 17

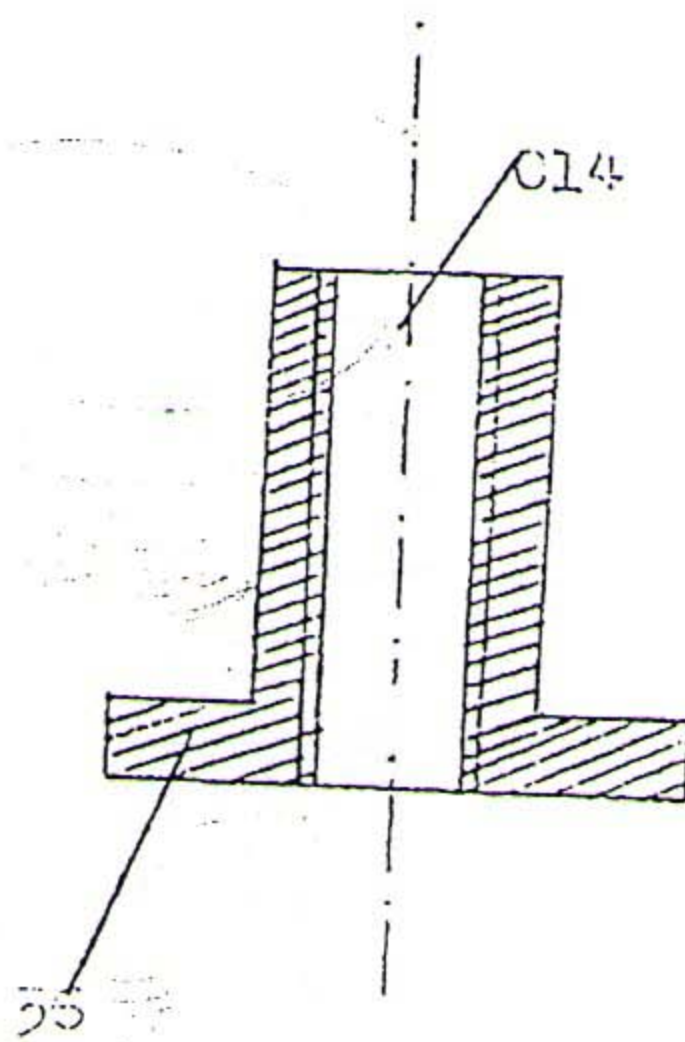


Fig. 18



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I hereby certify that this is a true translation into English of the original document (Patent Document – Glittering Weight Chairs) written in Serbian.

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**ZELJKA D. FODULOVIC**

a sworn court translator for English

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