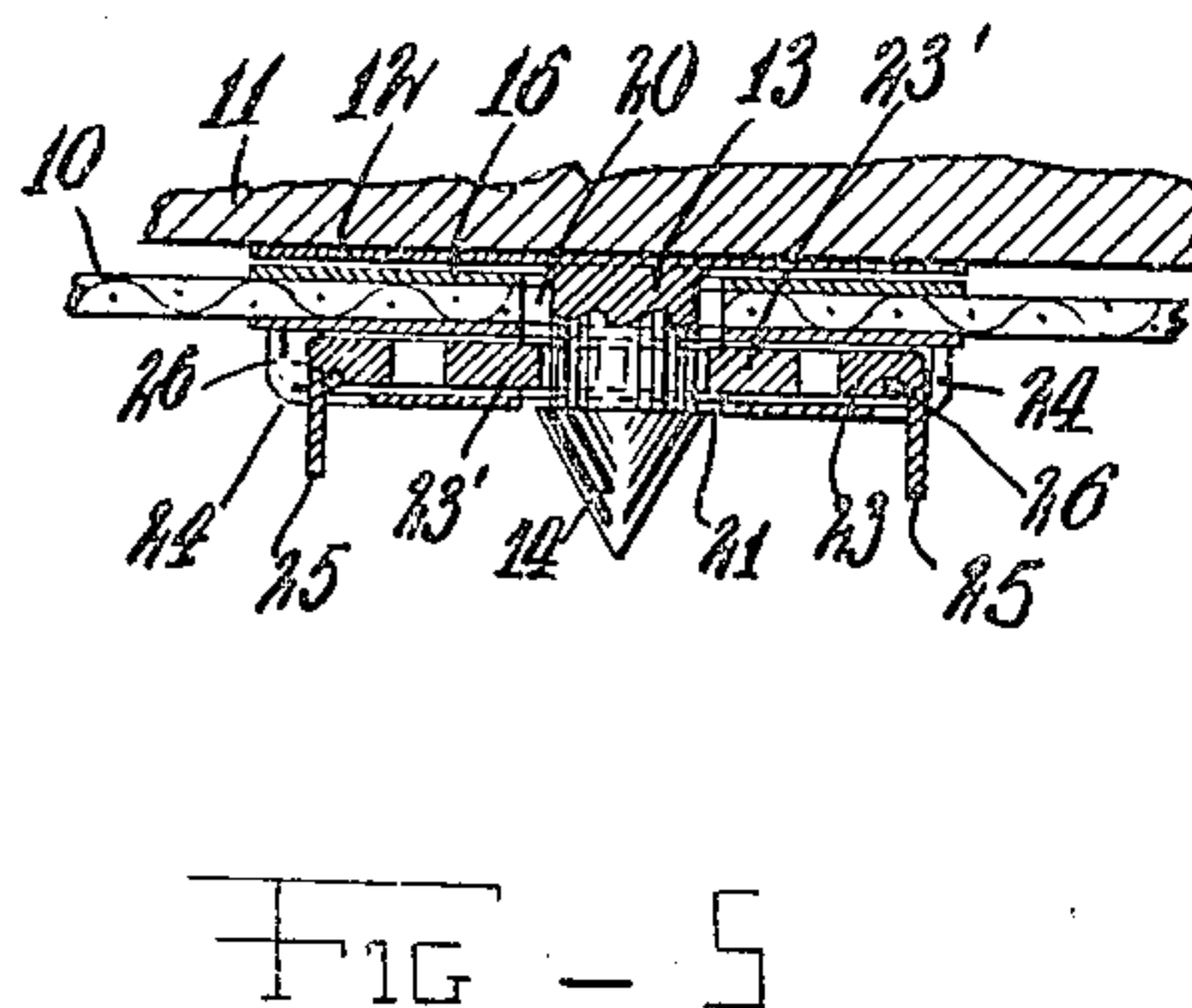
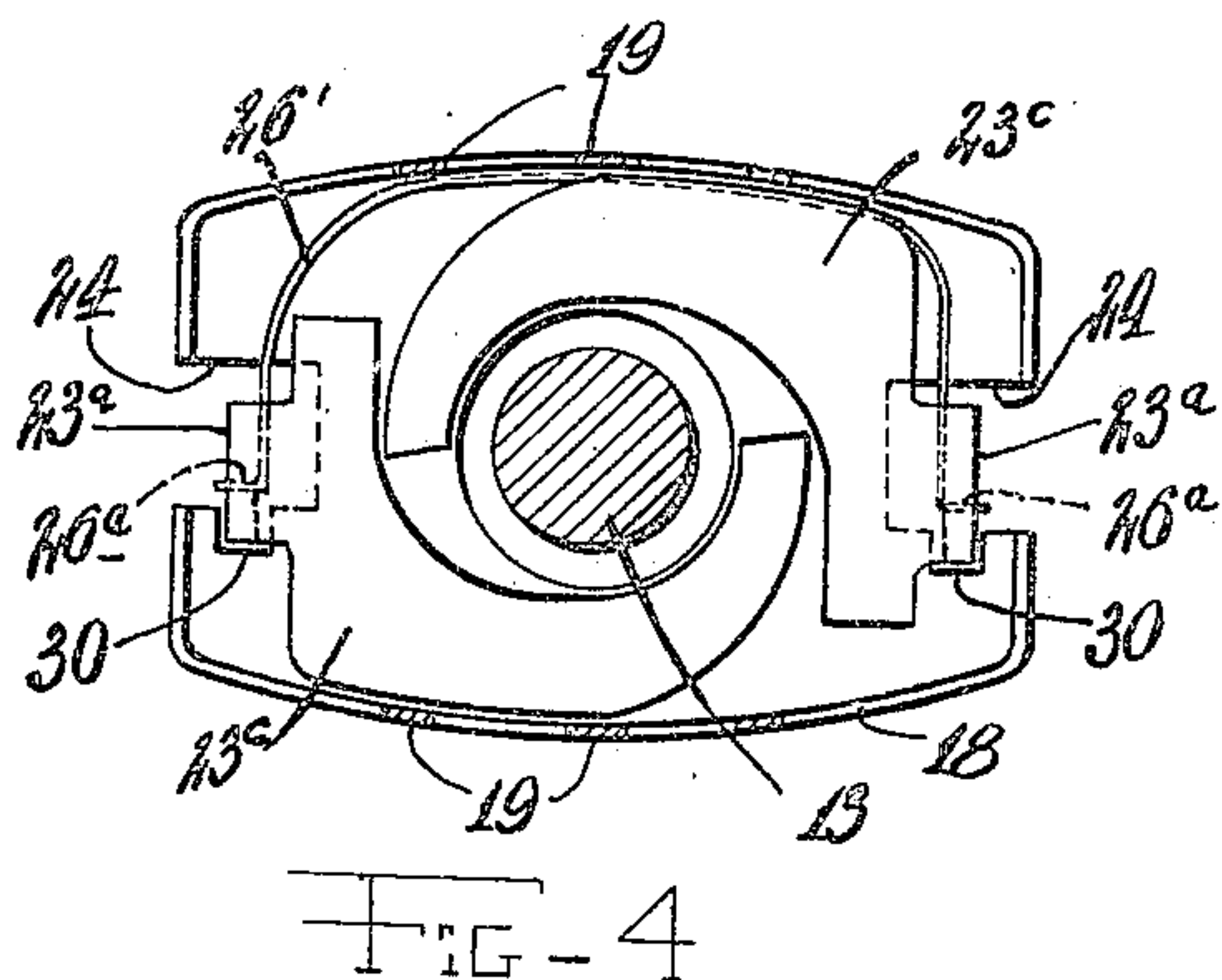
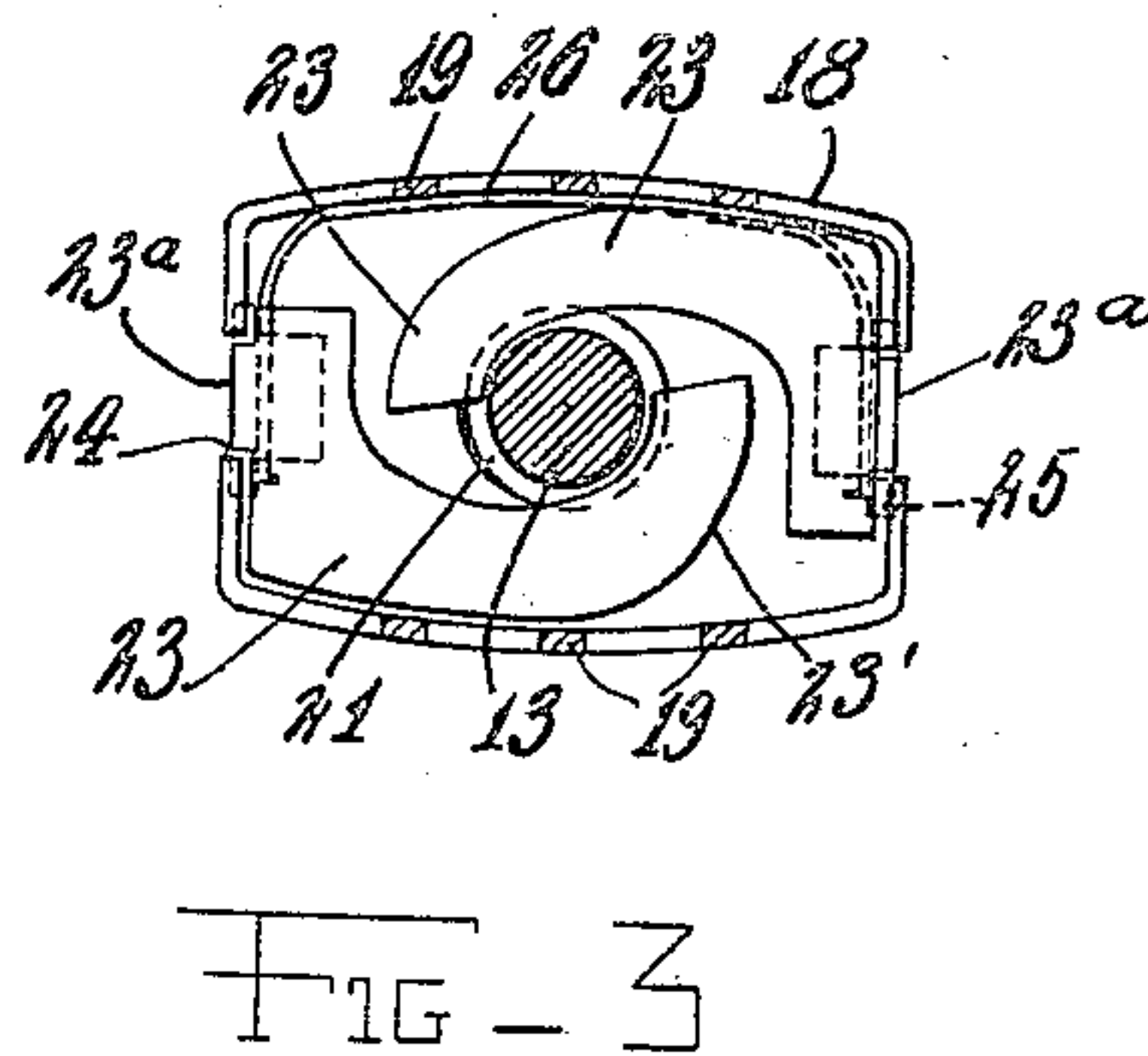
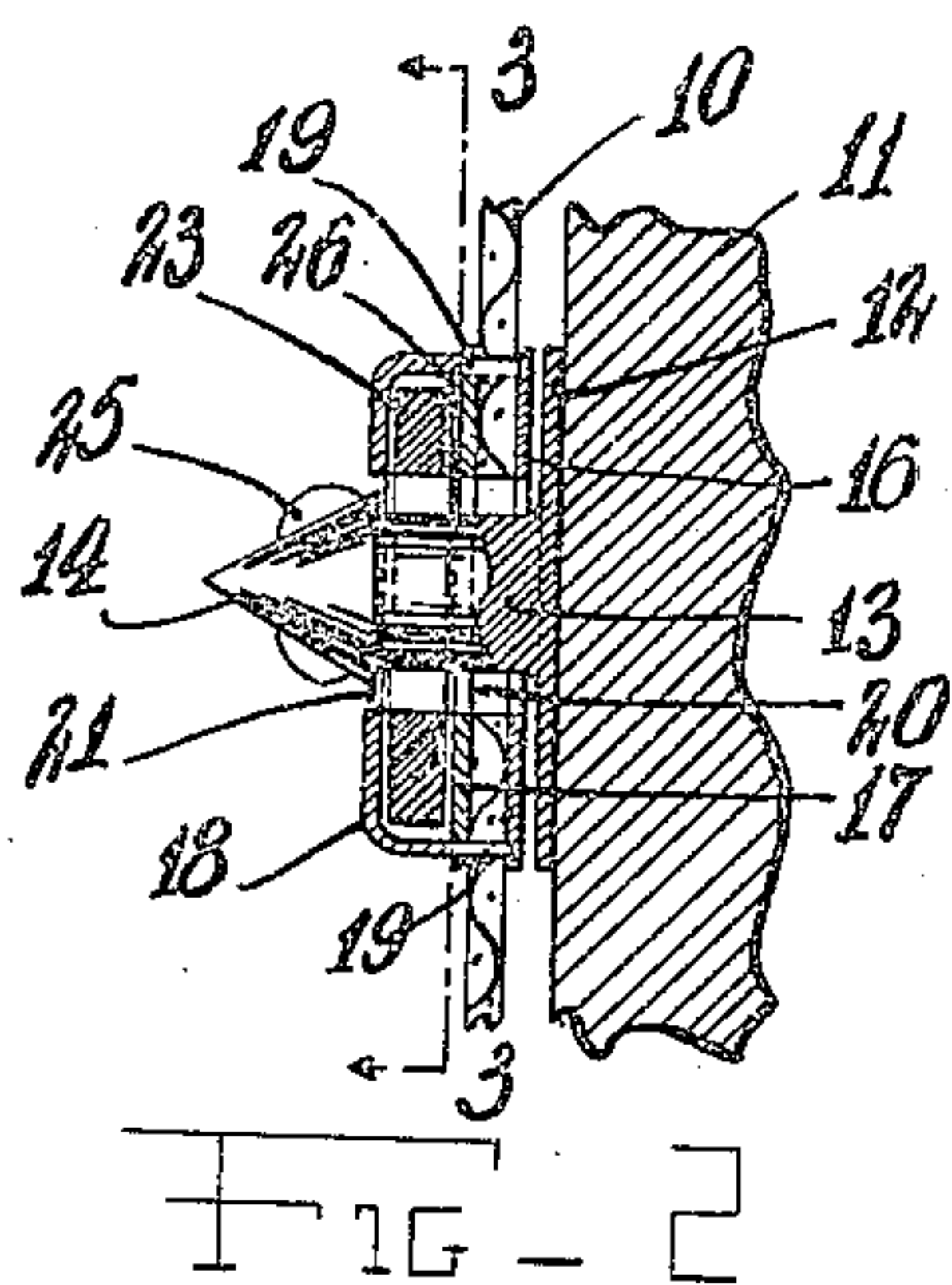
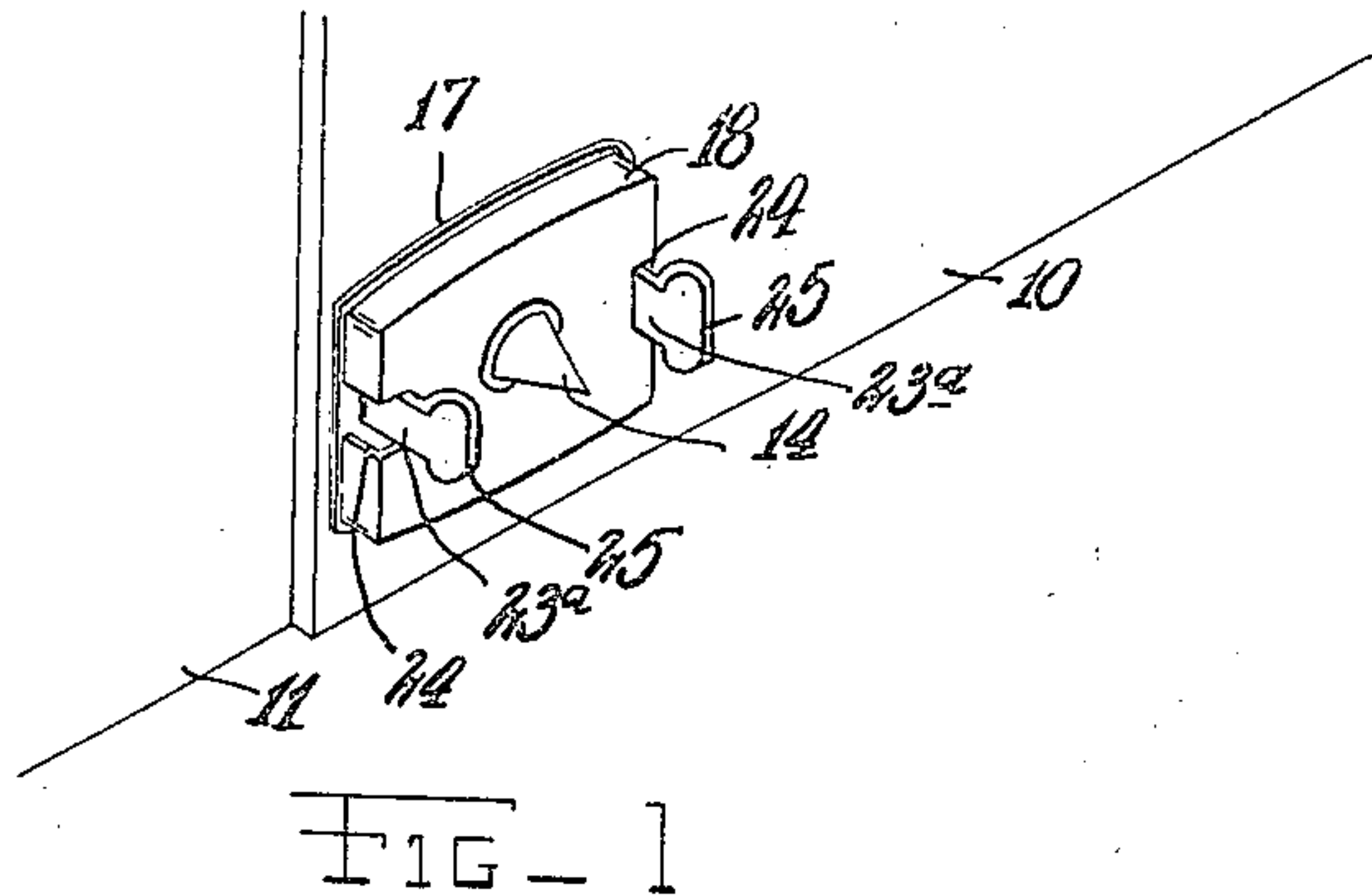


Jan. 2, 1923.

1,440,927.

J. MIHALICZ.  
VEHICLE HOOD AND CURTAIN FASTENER.  
FILED APR. 18, 1922.



Inventor

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## UNITED STATES PATENT OFFICE.

JOHN MIHALICZ, OF PUNNICHY, SASKATCHEWAN, CANADA.

## VEHICLE HOOD AND CURTAIN FASTENER.

Application filed April 18, 1922. Serial No. 555,299.

*To all whom it may concern:*

Be it known that I, JOHN MIHALICZ, a subject of Great Britain, residing at Pun-  
nichy, in the Province of Saskatchewan and  
5 Dominion of Canada, have invented certain  
new and useful Improvements in Vehicle  
Hood and Curtain Fasteners, of which the  
following is a specification.

This invention relates to a curtain fas-  
10 tener intended more particularly for fasten-  
ing the curtains of automobiles, motor boats,  
or other vehicles.

The invention has for an object to provide  
a novel and improved form of curtain fas-  
15 tener characterized by simplicity of con-  
struction and ease of manipulation.

For further comprehension of the inven-  
tion, and of the objects and advantages  
thereof, reference will be had to the follow-  
20 ing description and accompanying draw-  
ings, and to the appended claims in which  
the various novel features of the invention  
are more particularly set forth.

Fig. 1 of the drawings is a detail perspec-  
25 tive view showing my improved curtain fas-  
tener as in actual use.

Fig. 2 is a central vertical transverse sec-  
tional view thereof.

Fig. 3 is a longitudinal vertical sectional  
30 view taken on the line 3—3 of Fig. 2.

Fig. 4 is a central horizontal sectional  
view.

Fig. 5 is a similar view to Fig. 3 but  
showing a modification.

35 Referring now to the drawings the refer-  
ence numeral 10 indicates a portion of a cur-  
tain such as is used on automobiles, the frame  
or body element to which the curtain is at-  
tached being indicated at 11. As here  
40 shown my improved curtain fastener com-  
prises a disk 12 rigidly fixed on the element  
11 and having a projecting central stud 13  
provided with an enlarged head 14 of con-  
ical shape, this stud being engaged, beneath  
45 the head 14, by a pair of spring pressed  
hooked members carried by the curtain and  
which are here secured in place as follows:

Upon opposite sides of the curtain 10 are  
placed a pair of disks, 16 and 17 respectively,  
50 upon the outer one 17 of which is positioned  
a flat housing 18, these parts being here fixed  
in position by means of lugs 19 projecting  
from the housing and through the curtain  
and suitable apertures in the two disks, and  
55 having their ends riveted down on the inner  
disk 16. Extending centrally through the

two disks 16 and 17 and the curtain 10 is an  
opening 20 of sufficient size for the passage  
of the head 14 of stud 13, the housing hav-  
ing a corresponding opening 21 formed 60  
therein.

Within the housing the hooked members  
are slidably positioned and here comprise a  
pair of bars 23 slidable along respective sides  
of the housing between the opening 21 and 65  
the side walls thereof, and having their in-  
ner ends turned toward one another in op-  
posed relation as at 23' and adapted to en-  
gage on opposite sides of the stud 13. The  
outer ends of these bars 23 are turned out- 70  
wardly as at 23<sup>a</sup>, at right angles to the cur-  
tain, through longitudinal slots 24 formed  
in the ends of the housing 18, and are pro-  
vided with finger pieces 25. The hooked in-  
ner ends 23' of the bars are resiliently 75  
pressed toward one another by means of a  
bow spring 26 seating freely in the housing  
18 and extending along beside one of the  
bars 23, and having its ends in contact with  
and pressing outwardly on, the outturned 80  
ends 23<sup>a</sup> of the bars 23.

As will be apparent when the curtain is to  
be fastened it is only necessary to place the  
member on the curtain 10 over the stud 13  
on the body element 11, the hooked fasten- 85  
ing members 23 snapping automatically into  
place. To release the curtain it is only nec-  
essary to press the finger pieces 25 toward  
one another.

In Fig. 5 I have shown a modified form 90  
of spring retainer. In this construction the  
hooked bars 23<sup>c</sup> are similar to the bars 23, but  
have slight lateral play at their outer ends.  
The spring 26' is fastened at its ends to these  
bars as indicated at 26<sup>a</sup> and acts both to urge 95  
the ends of the bars outwardly, similarly to  
spring 26, but also to press them laterally  
against one of the walls of the slots 24 in  
the housing 18, in which walls are formed  
notches 30. When the hooked ends of the 100  
bars 23<sup>c</sup> are engaged with the stud 13, under  
the head 14 thereof, the outturned ends 23<sup>a</sup>  
thereof are engaged in the notches 30, thus  
holding the bars rigidly against longitudinal  
movement. When the fastener is to be re- 105  
leased the outturned ends of the bars are first  
pressed laterally to free them from the  
notches 30 and then longitudinally inwardly  
to disengage their hooked ends from under  
the stud head. 110

It will be understood that various other  
changes and modifications might be made in



the construction here shown without departing from the spirit and scope of the invention as defined in the appended claims.

Having thus described my invention what  
5 I claim as new and desire to protect by Letters Patent of the United States is as follows:

1. A curtain fastener comprising a stud adapted to be mounted on the part to which  
10 the curtain is to be secured, a housing on the curtain having an aperture to receive said stud, a pair of opposed hooked bars slidable in said casing and adapted for limited transverse movement, co-operating parts on said  
15 bars and housing adapted to be engaged together by transverse movement of said bars to lock the latter against sliding movement, and a spring urging said bars in a direction both to engage them with the said stud and  
20 to engage the said co-operating parts with one another.

2. A curtain fastener comprising a headed stud adapted to be mounted on the part to which the curtain is to be secured, a housing on the curtain having an opening leading  
25 thereinto through the curtain for insertion of the head of said stud, a pair of bars slidably disposed in said housing on opposite sides of said opening and having hooked ends, a bow spring engaging said bars to  
30 urge them in a direction to engage said hooked ends under the head of said stud, and outturned ends on said bars projecting through slots in the said housing, and finger  
35 pieces on said outturned ends, said slots having notches formed in one wall thereof, and said springs acting also to press the said outturned ends of the bars against the said walls, for the purpose specified.

In testimony whereof I have affixed my  
40 signature.

JOHN MIHALICZ.