

No. 861,961.

PATENTED JULY 30, 1907.

T. FINHOLT.

SAD IRON.

APPLICATION FILED APR. 6, 1907.

2 SHEETS—SHEET 1.

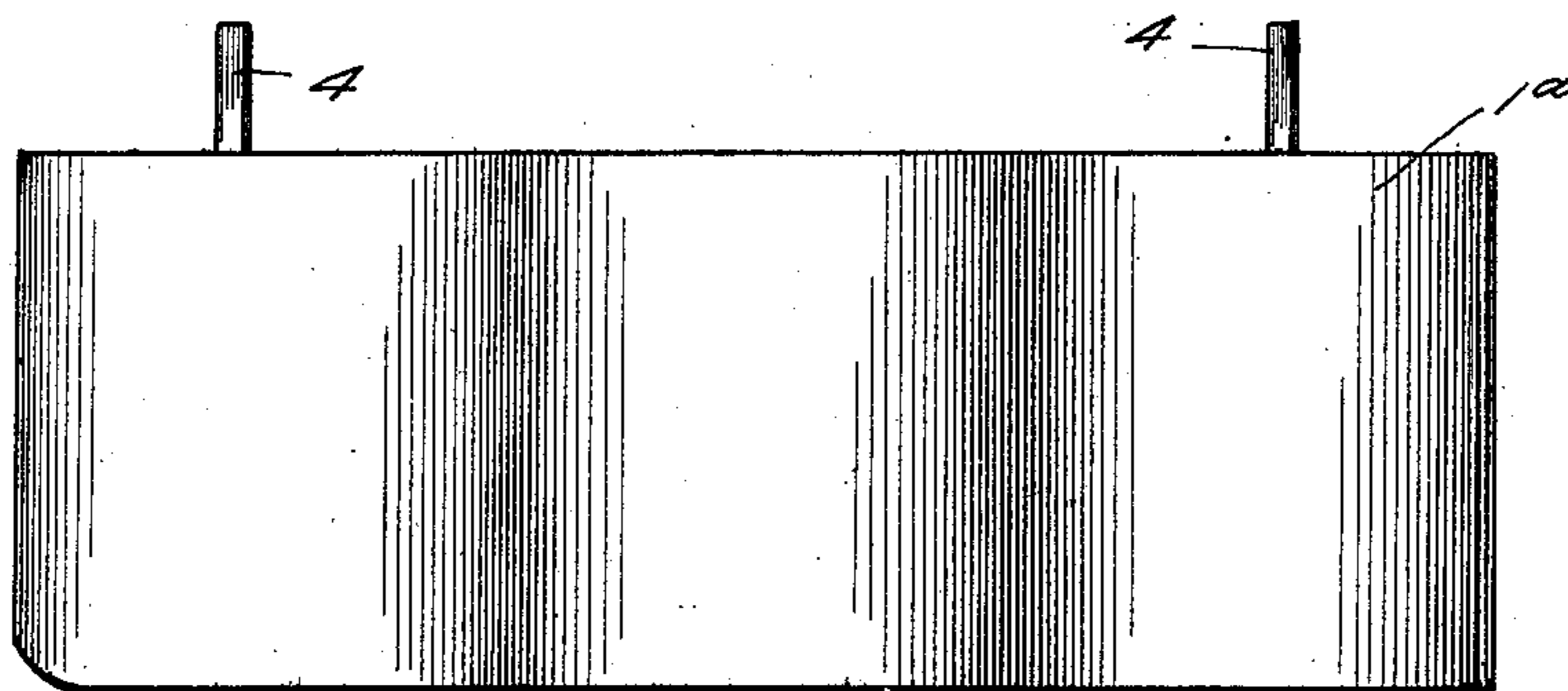
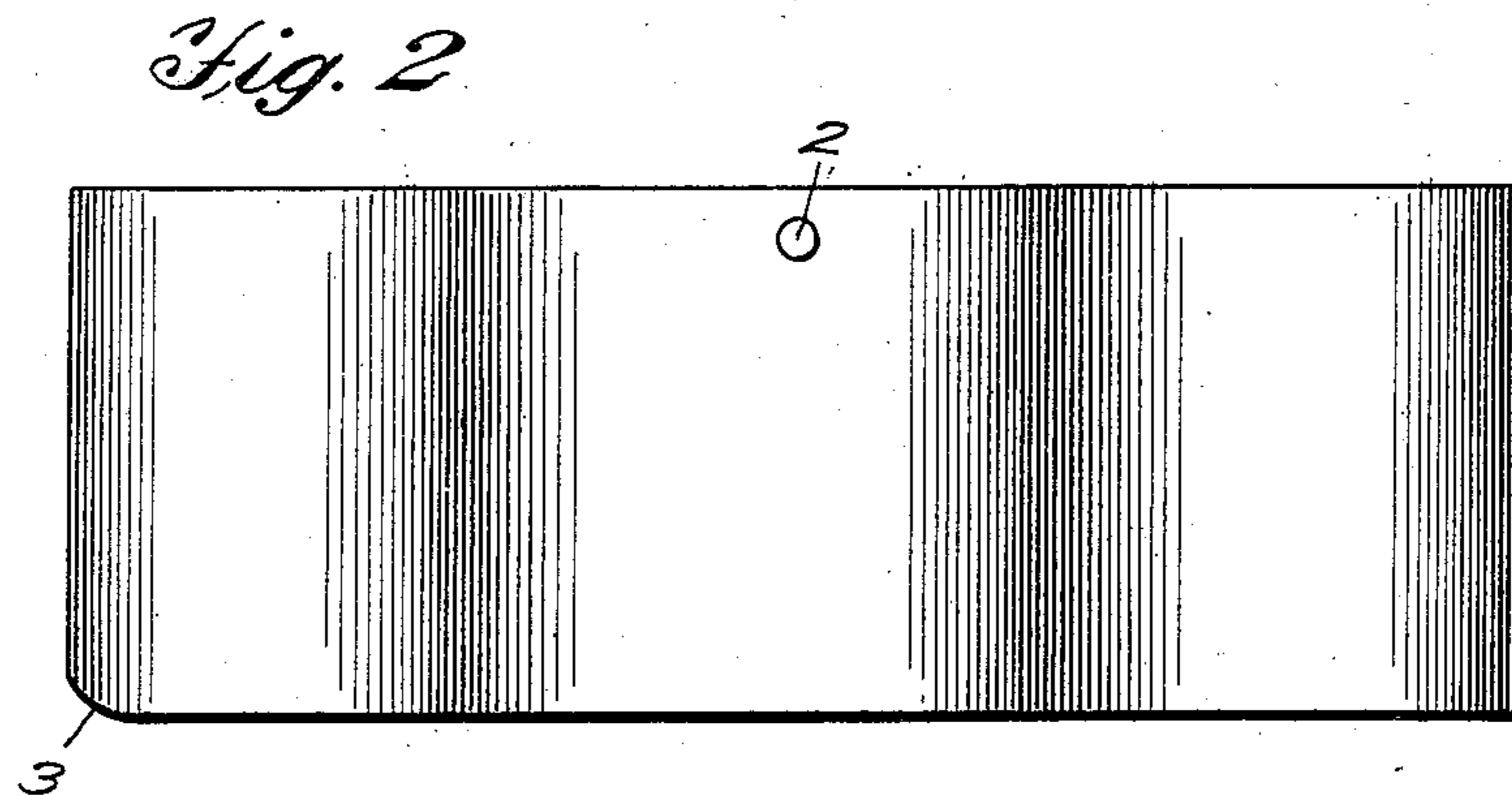
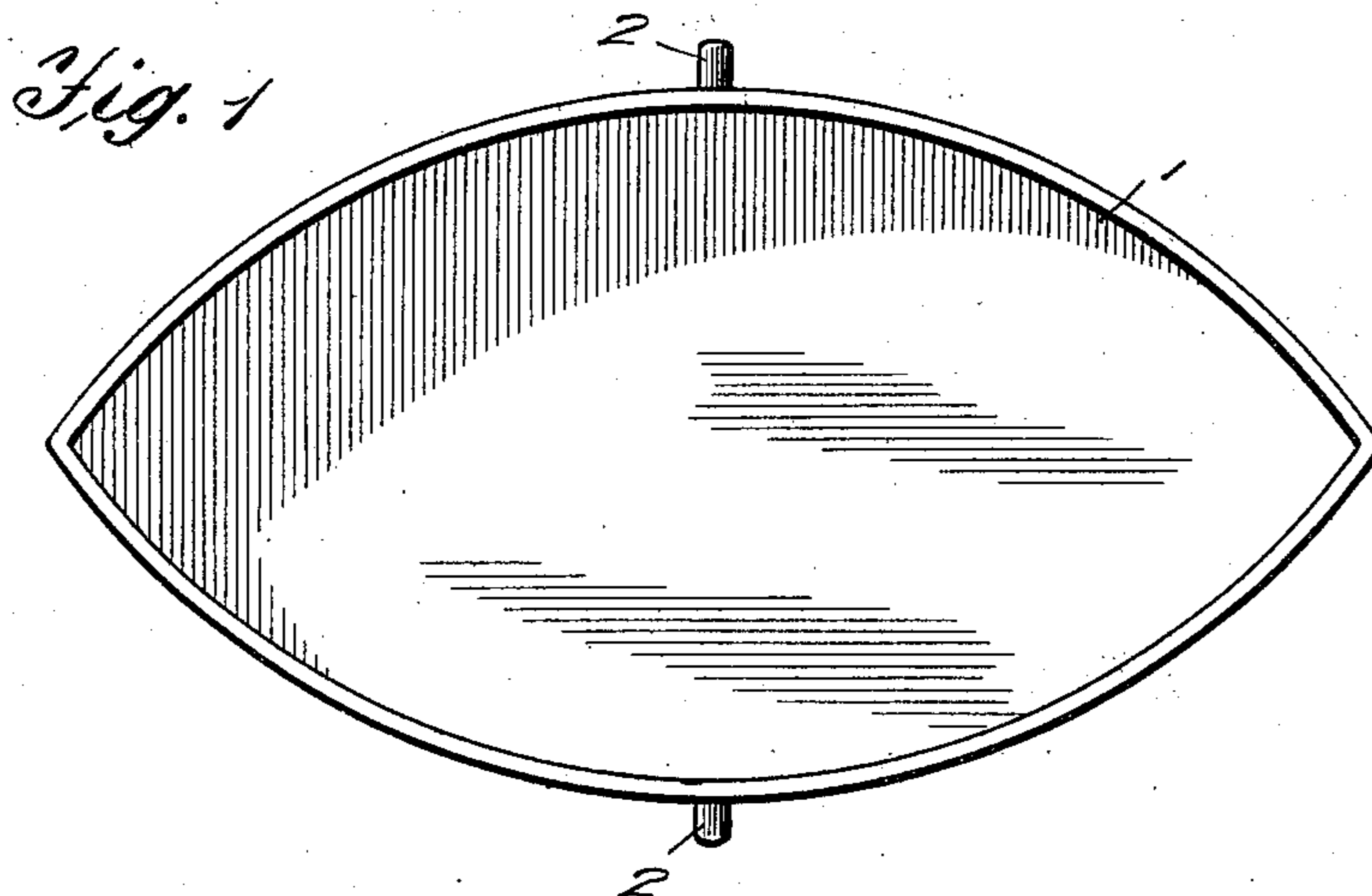


Fig. 3

Inventor

Theodor Finholt

Witnesses

R. C. Clafflin

E. P. Brumby

By *Victor J. Evans*

Attorney

No. 861,961.

PATENTED JULY 30, 1907.

T. FINHOLT.
SAD IRON.

APPLICATION FILED APR. 6, 1907.

2 SHEETS—SHEET 2.

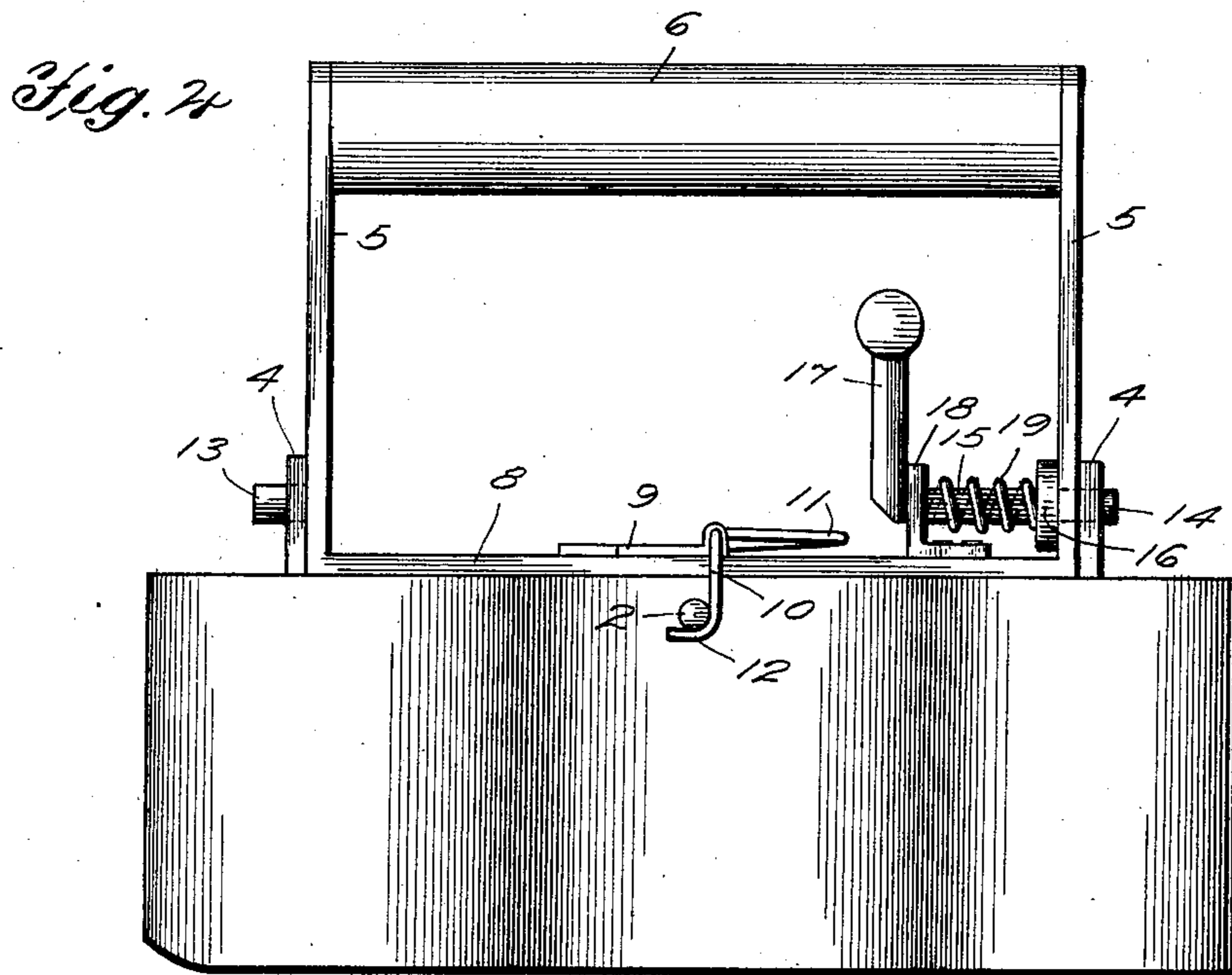


Fig. 6

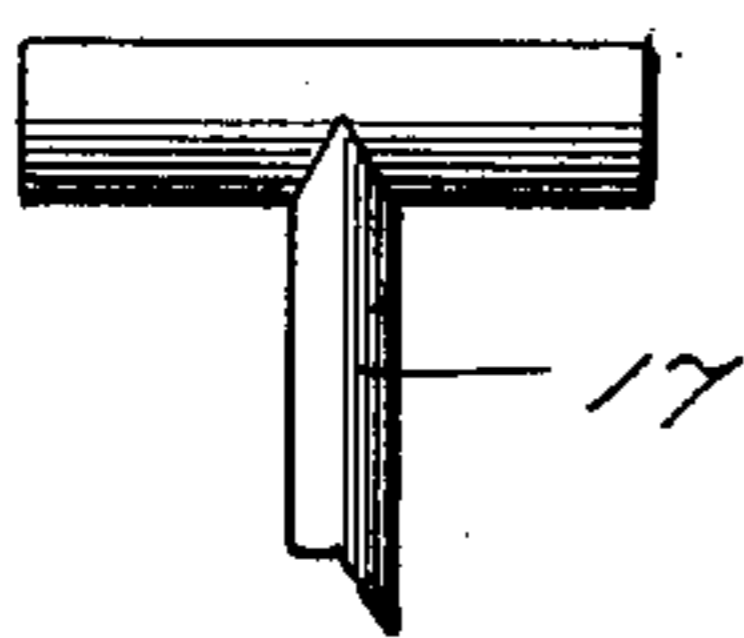


Fig. 5

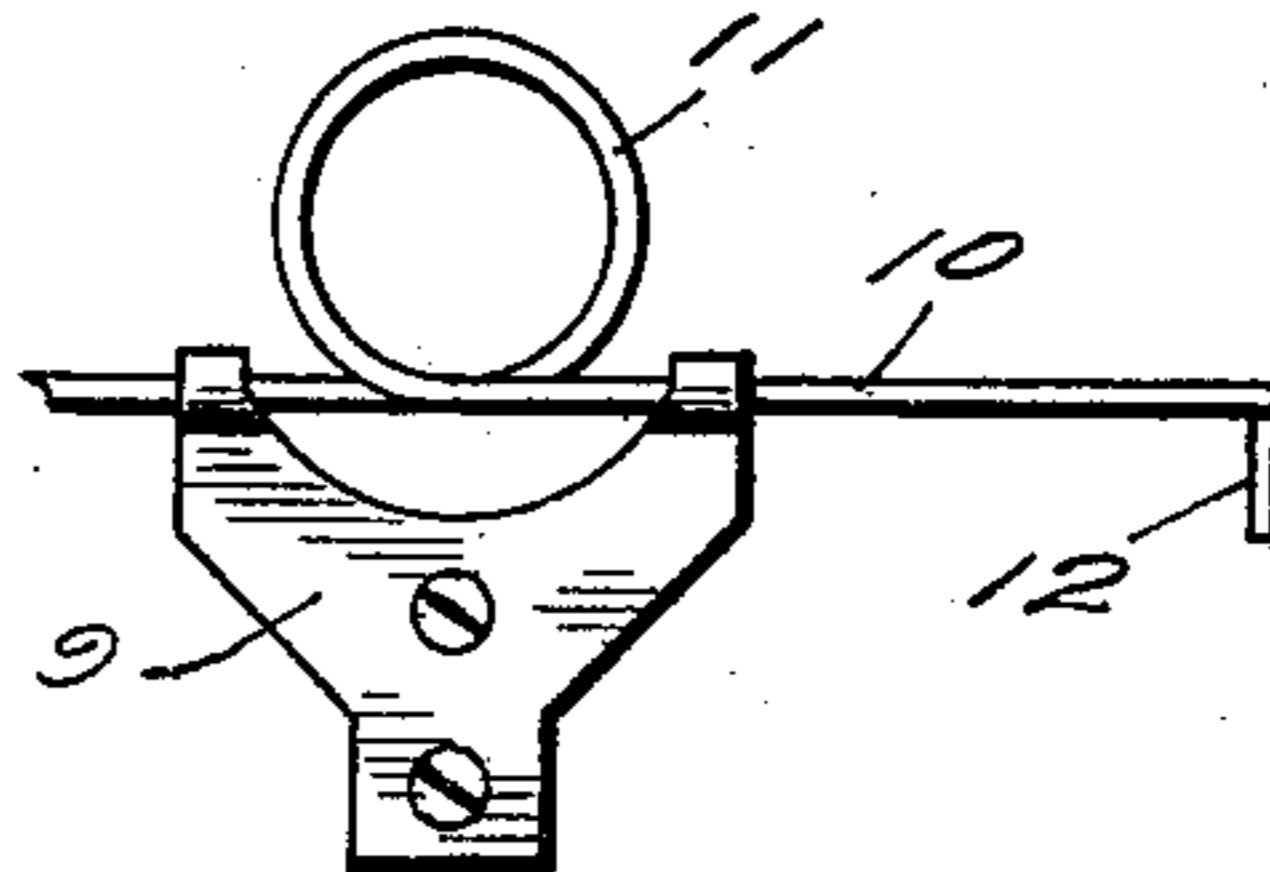
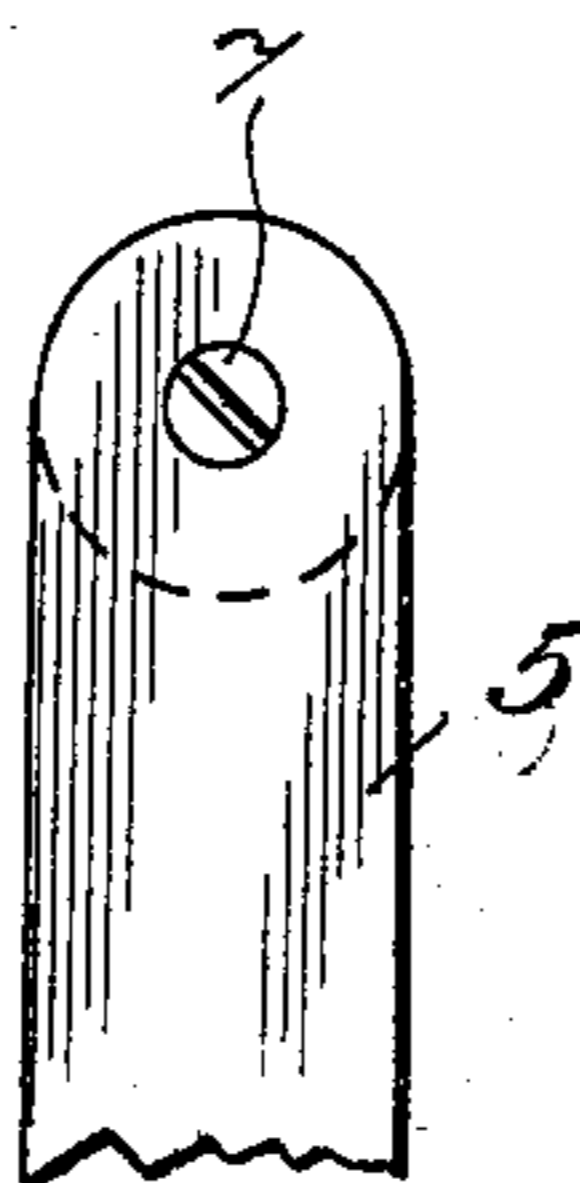


Fig. 7



Inventor

Theodor Finholt

Witnesses

R. Clapham
E. B. Myers

By *Victor J. Evans*

Attorney

UNITED STATES PATENT OFFICE.

THEODOR FINHOLT, OF BIRD ISLAND, MINNESOTA.

SAD-IRON.

No. 861,961.

Specification of Letters Patent.

Patented July 30, 1907.

Application filed April 6, 1907. Serial No. 366,848.

To all whom it may concern:

Be it known that I, THEODOR FINHOLT, a citizen of the United States of America, residing at Bird Island, in the county of Renville and State of Minnesota, have
5 invented new and useful Improvements in Sad-Irons, of which the following is a specification.

This invention relates to sad irons, and one of the principal objects of the same is to provide a sad iron of
10 two members, one adapted to be heated and placed within the other in order that the outer member may be always kept clean.

Another object of the invention is to provide simple, reliable and convenient means for detaching the handle of the inner member and connecting the inner
15 member to the outer member.

These and other objects may be attained by means of the construction illustrated in the accompanying drawings, in which:

Figure 1 is a plan view looking into the hollow outer
20 member of a sad iron made in accordance with my invention. Fig. 2 is a side elevation of the same. Fig. 3 is a side elevation of the solid inner member of the sad iron. Fig. 4 is a side elevation of the sad iron complete and ready for use. Fig. 5 is a detail elevation of
25 the latch for connecting the inner and the outer members of the sad iron. Fig. 6 is a detail view of the upper end of the handle for the sliding bolt. Fig. 7 is a detail view showing the manner of securing the wooden handle to the metal handle bar.

Referring to the drawings, for a more particular description of my invention, the numeral 1 designates the hollow outer member of the sad iron provided with oppositely disposed trunnions 2, and a curved lower front corner 3. This outer member is nickel plated
35 upon its outer side and is always kept clean for the reason that it is not placed upon the stove or other heater. The inner member 1^a is solid and is of a size to fit nicely within the outer member 1, said inner member provided with upwardly extending lugs 4,
40 each provided with a perforation for attachment of the removable handle. The handle consists of a metal U-shaped band 5 having a wooden handle member 6 secured thereto by means of screws 7 passing through the ends of the band 5. The cross bar 8 of the handle
45 has secured to it a bearing plate 9 and pivotally connected to said plate is a latch 10, said latch having a coiled handle 11 and oppositely disposed angular en-

gaging ends 12. Projecting outward from one end of the handle frame is a stud 13 adapted to engage one of the lugs 4. A spring bolt 14 comprising a squared portion 15, a stop collar 16, and an upright T-shaped finger piece 17, is slidably mounted in a bracket 18 secured to the cross bar 8, the rounded portion of said bolt adapted to pass through an aperture in the handle frame and through the hole in one of the lugs 4. 55

The operation of the invention may be described as follows: The inner member 1^a of the flat iron is heated, the handle being removed therefrom. To connect the handle to the member 1^a the stud 13 is inserted in the opening in the lug 4. The sliding bolt 14 is retracted
60 by pushing the T-shaped finger piece 17 inward against the tension of the spring 19, and the bolt is then shot through the aperture in the handle and in the lug 4. When the member 1^a is placed within the member 1, the latch 10 is swung down to engage the angular mem- 65
bers 12 with the trunnions 2 in the position shown in Fig. 4.

It will be obvious that the inner member 1^a may be used as an ordinary flat iron for certain classes of work, but when placed within the member 1 and secured
70 thereto, as described, a clean, smooth sad iron is provided. My invention is of comparatively simple construction, is durable and efficient, and can be quickly attached and detached for use.

Having thus described the invention, what I 75 claim is:

1. A sad iron comprising a hollow outer member provided with oppositely disposed trunnions, a solid inner member provided with upwardly extending perforated lugs, a detachable handle member having a wooden handle
80 bar a pivoted catch for connecting the handle member to the outer member, and a stud and sliding spring bolt for connecting the handle to the inner member.

2. A sad iron comprising a hollow outer member, a solid inner member provided with upwardly projecting perforated lugs, a detachable handle comprising upwardly extending members connected by a lower cross bar and a wooden handle bar secured to said upwardly extending members, a pivoted catch carried by said cross bar for connecting said handle to the outer member, and a stud
90 and spring actuated bolt mounted on the handle for connecting said handle to the inner member of the sad iron.

In testimony whereof, I affix my signature in presence of two witnesses.

THEODOR FINHOLT.

Witnesses:

ALFRED JURY,
F. L. PUFFER.