

N. E. PLATT.  
SAD IRON CLEANER AND POLISHER.  
APPLICATION FILED SEPT. 14, 1909.

979,198.

Patented Dec. 20, 1910.

FIG. 1.

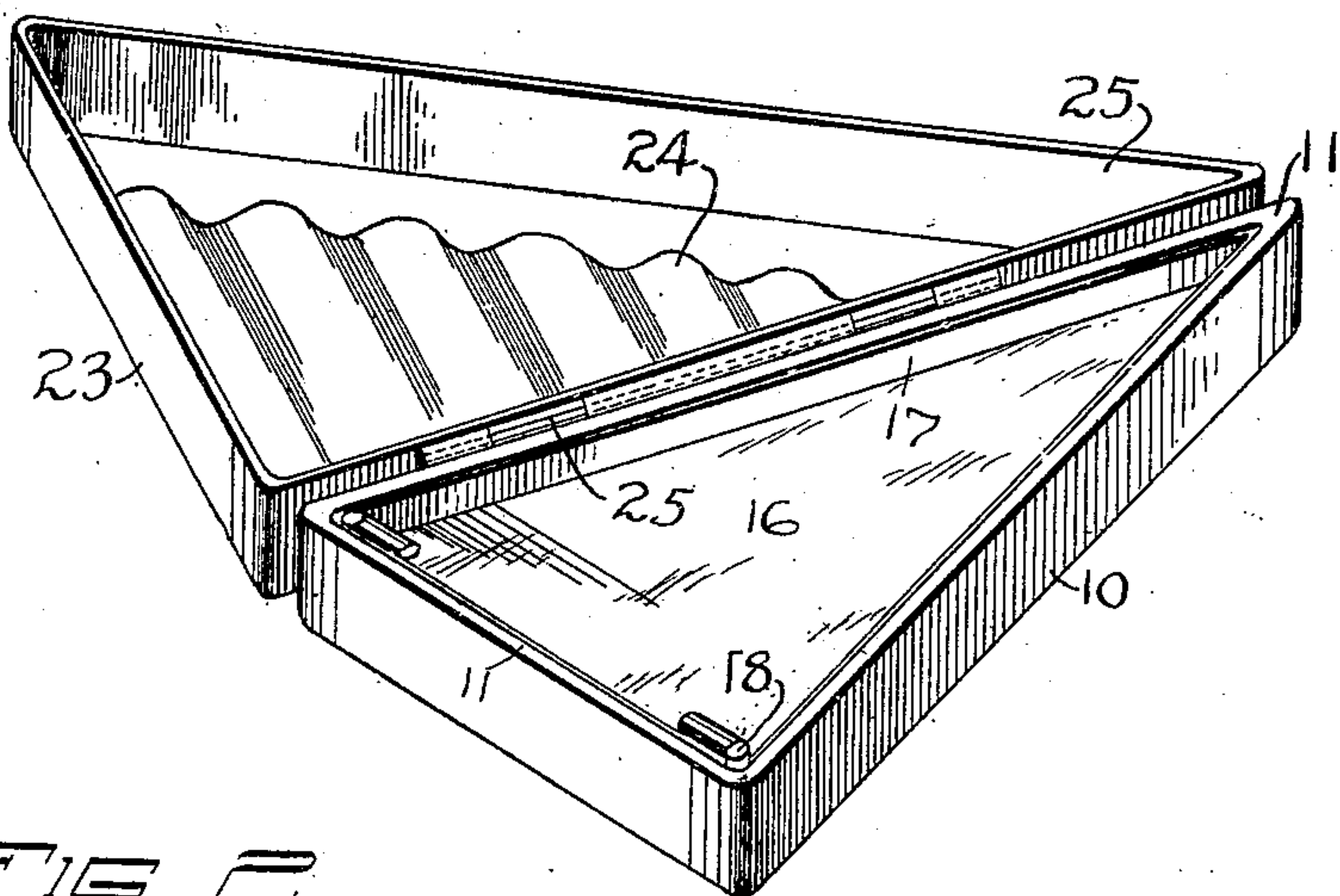


FIG. 2.



FIG. 3.

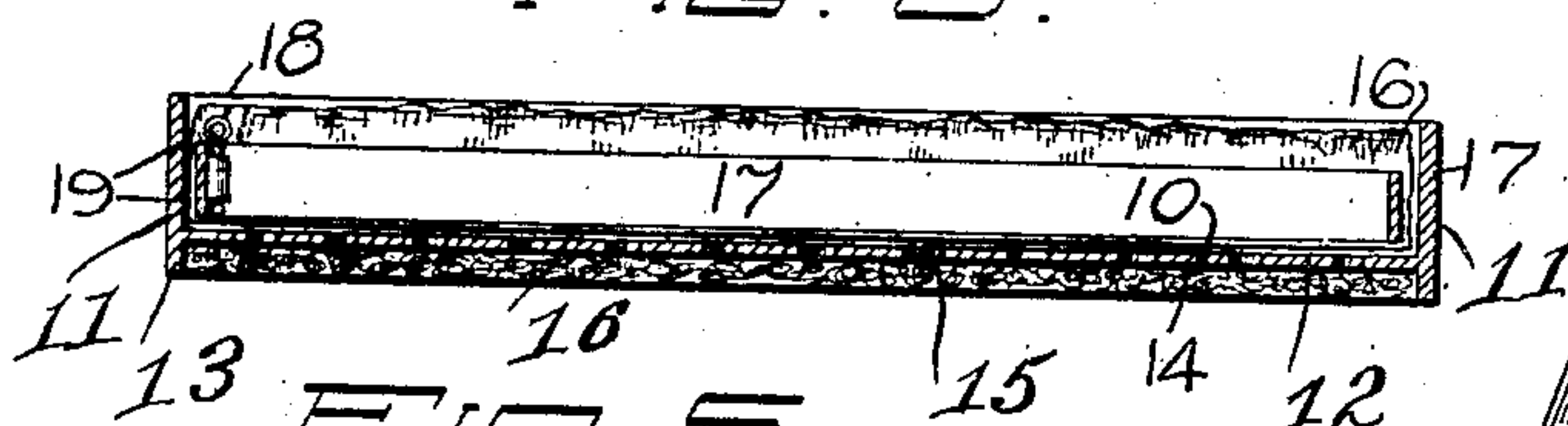


FIG. 5.

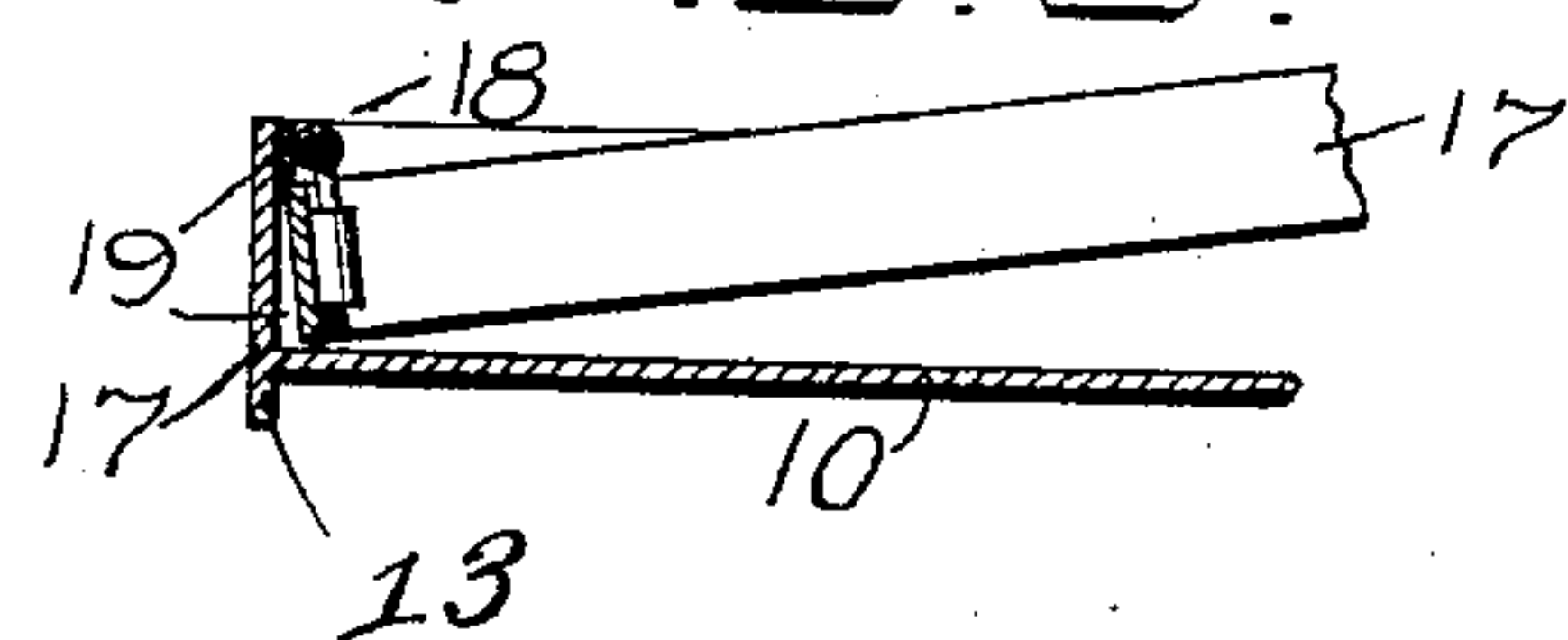


FIG. 6.

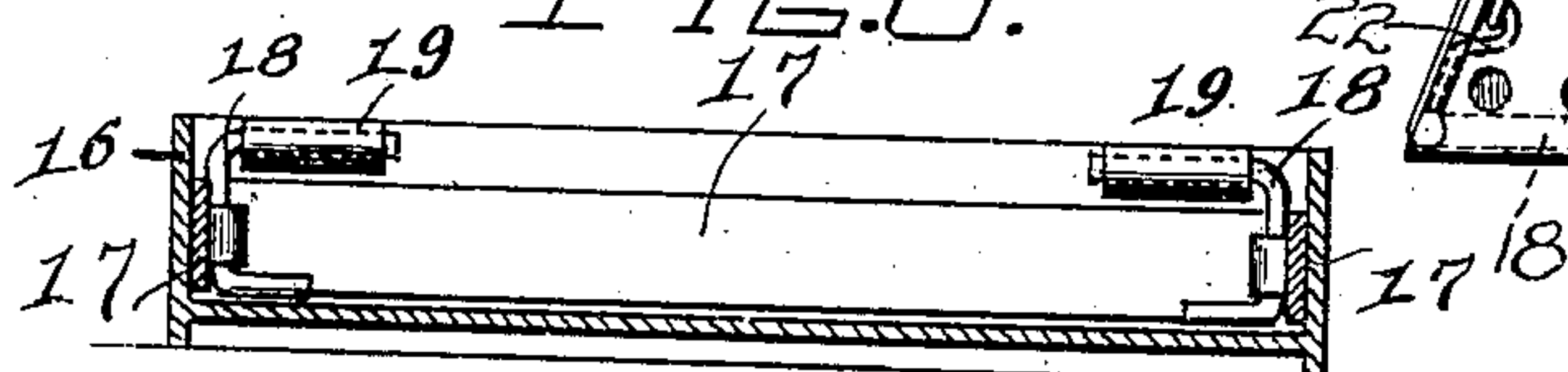
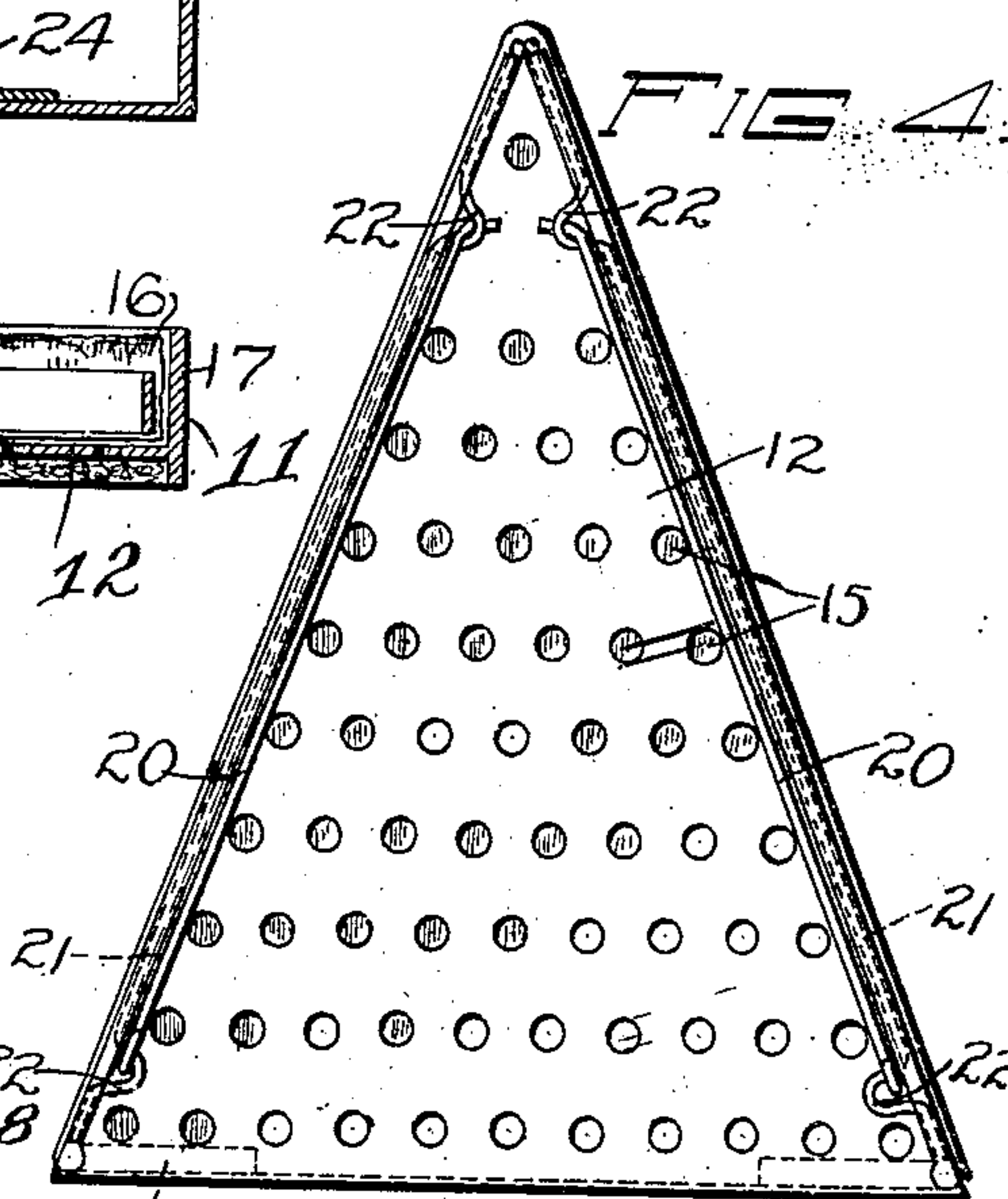


FIG. 4.



WITNESSES:

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# UNITED STATES PATENT OFFICE.

NATHANIEL E. PLATT, OF JERSEY CITY, NEW JERSEY.

SAD-IRON CLEANER AND POLISHER.

979,198.

Specification of Letters Patent.

Patented Dec. 20, 1910.

Application filed September 14, 1909. Serial No. 517,675.

*To all whom it may concern:*

Be it known that I, NATHANIEL E. PLATT, a citizen of the United States, residing at Jersey City, in the county of Hudson and State of New Jersey, have invented new and useful Improvements in Sad-Iron Cleaners and Polishers, of which the following is a specification.

This invention relates to sad iron cleaners and its object is to provide a device consisting of a cloth lined metal box, the cloth of which is adapted to be moistened with kerosene or similar oil and the iron is placed in the box so that the lower surface of the iron may be subjected to the polishing effect of the oil and be always kept bright and free from oxidation, as will be more fully explained in the following specification, set forth in the claims and illustrated in the drawings, where:

Figure 1 is a perspective view of the device opened for operation. Fig. 2 is a longitudinal sectional view of the cover. Fig. 3 is a similar view of the box itself. Fig. 4 is a bottom plan view of the box. Fig. 5 is a detail view of the means for hinging the box and frame together. Fig. 6 is a detail view showing the hinges connecting the frame with the box.

The cleaner consists of a box 10 of metal or similar material, of practically triangular shape to conform with the lines of a smoothing iron and having sides 11 which rise about a perforated bottom 12, below which there is also a compartment surrounded by a flange 13. The lower compartment is adapted to receive a layer of felt or some absorbent material 14 that is intended to be saturated with kerosene or similar oil which, when heat is applied to the partition 12, is evaporated and on arising through the holes 15 it saturates a piece of cloth 16 which covers the perforated bottom and sides of the box and is held in place by a triangular frame 17 hinged to one end of the box by means of U-shaped wire hooks 18 working in the sockets 19 in the box and secured in similar sockets at the rear end of the frame. The felt layer 14 is secured in its compartment by means of the wire rods 20 which are held in place by the loops 22 of the wires 21.

Within the top of the cover 23 is a corrugated plate 24 upon which the iron is placed when not in use and which prevents the heat of the iron from injuring anything be-

neath it. When not in use, this cover may be closed over the box to which it is attached by means of the usual hinge 25 and when closed the box may be reversed so that the oil in the felt 14 will not injure anything that is beneath it.

This device is strong and compact as thus constructed and proves a ready means for the polishing of sad irons and similar implements while they are being used and may take the place of the usual waxing operation which is common in the operation of ironing clothes. By this means, the bottom of the iron is not only cleaned but the side edges of the iron also receive a moderate amount of the evaporated oil to provide for their cleansing and polishing, and by working the iron over the surface of the cloth it is kept bright and always ready for use.

It is obvious that the details of the device may be varied and the parts otherwise arranged without departing from the essential features above described.

Besides being used for the purposes above specified it will be readily seen that this device may be used also as a stand for irons even when it is not desired to use it as a polisher, in which case it may be left open as shown in Fig. 1 or the cover closed down and the iron placed directly upon the top while it occupies its closed position.

What I claim as new and desire to secure by Letters Patent is:

1. In an iron cleaner and polisher, the combination with a box having a perforated bottom, of a layer of fabric beneath the bottom and a second layer of fabric upon the bottom and held there by a frame.

2. In an iron cleaner and polisher, the combination with a box adapted to receive the iron having a perforated bottom, of a layer of fabric adapted to be saturated with oil and secured beneath the bottom, and a layer of fabric to receive the iron and located on the upper side of the bottom and clamped in the box.

3. In an iron cleaner and polisher, the combination with a box, of a perforated bottom therefor dividing the box into separate compartments, a layer of felt beneath the bottom, rods adapted to secure the same within the box, a layer of cloth on the upper side of the bottom, and means for retaining the same.

4. In an iron cleaner and polisher, the combination with a triangular box, of a

perforated bottom dividing the box into upper and lower compartments, a layer of felt within the lower compartment, a layer of cloth for the upper side of the bottom, a  
3 hinged frame to secure the cloth in place, and a cover hinged to the box and having an interior corrugated plate.

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

NATHANIEL E. PLATT.

Witnesses:

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JAMES F. DUHAMEL,  
GEO. A. SENIOR.