

J. PACKEWITZ.  
HAND REST.  
APPLICATION FILED SEPT. 24, 1910.

988,893.

Patented Apr. 4, 1911.

FIG. 1.

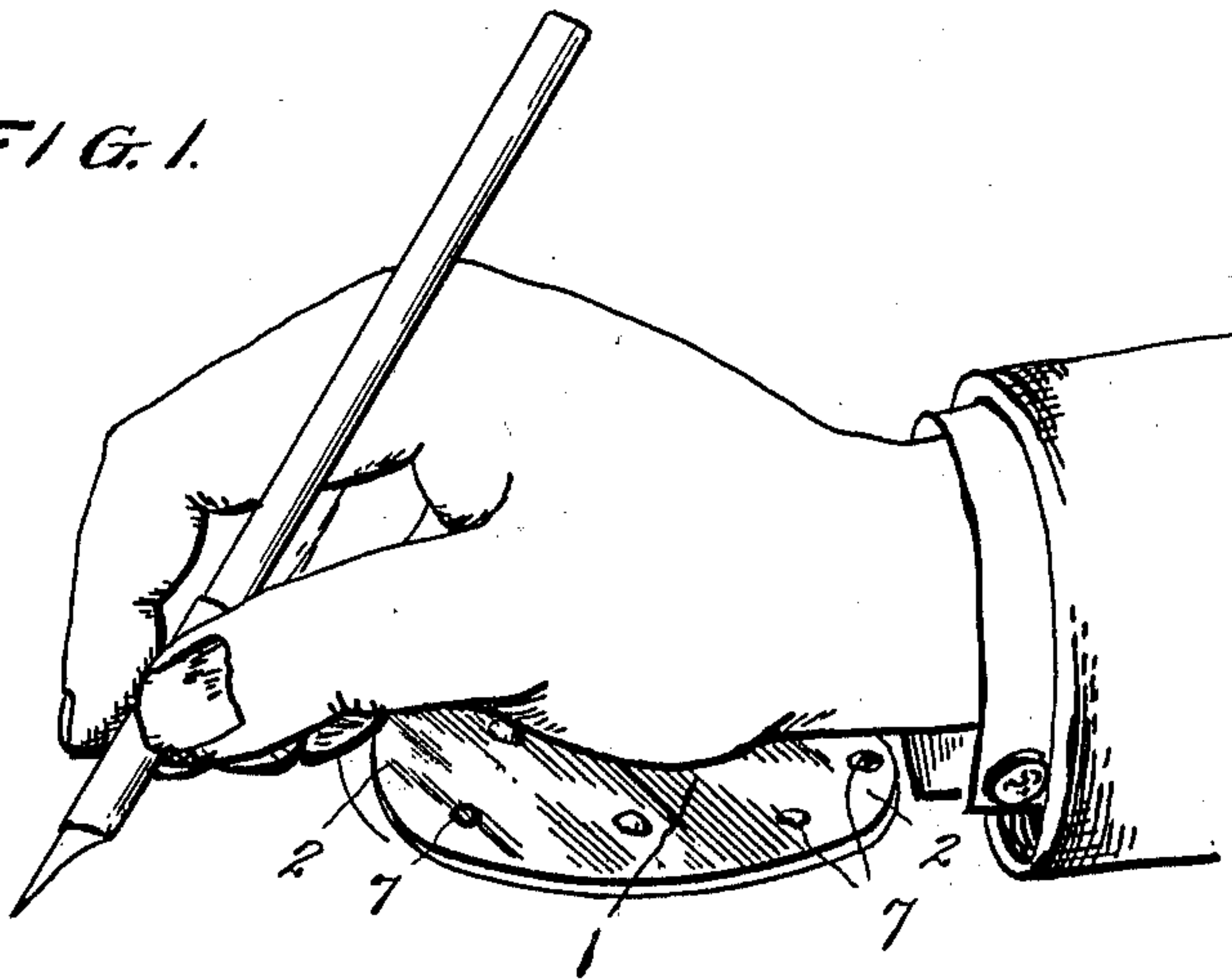


FIG. 2.

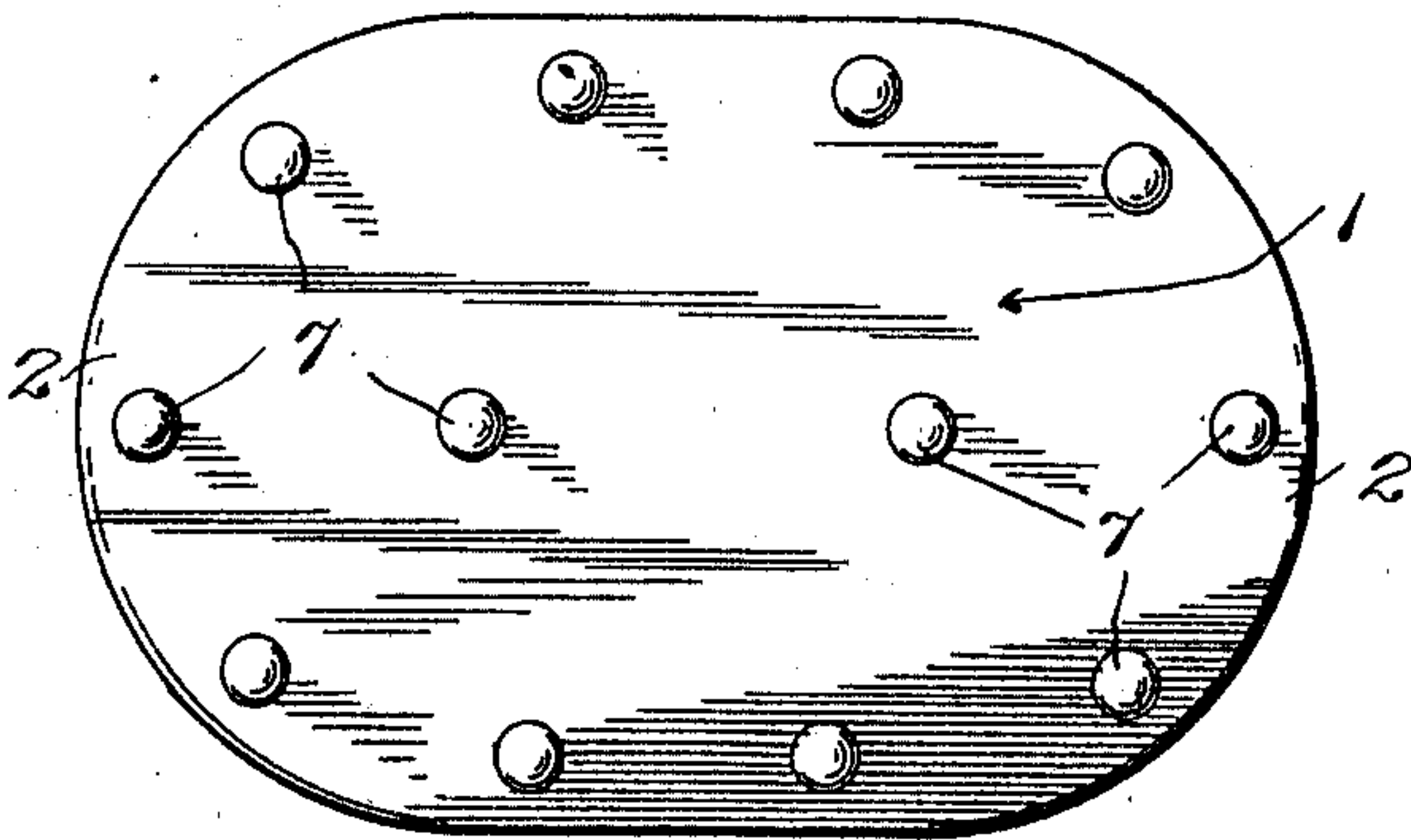


FIG. 4.

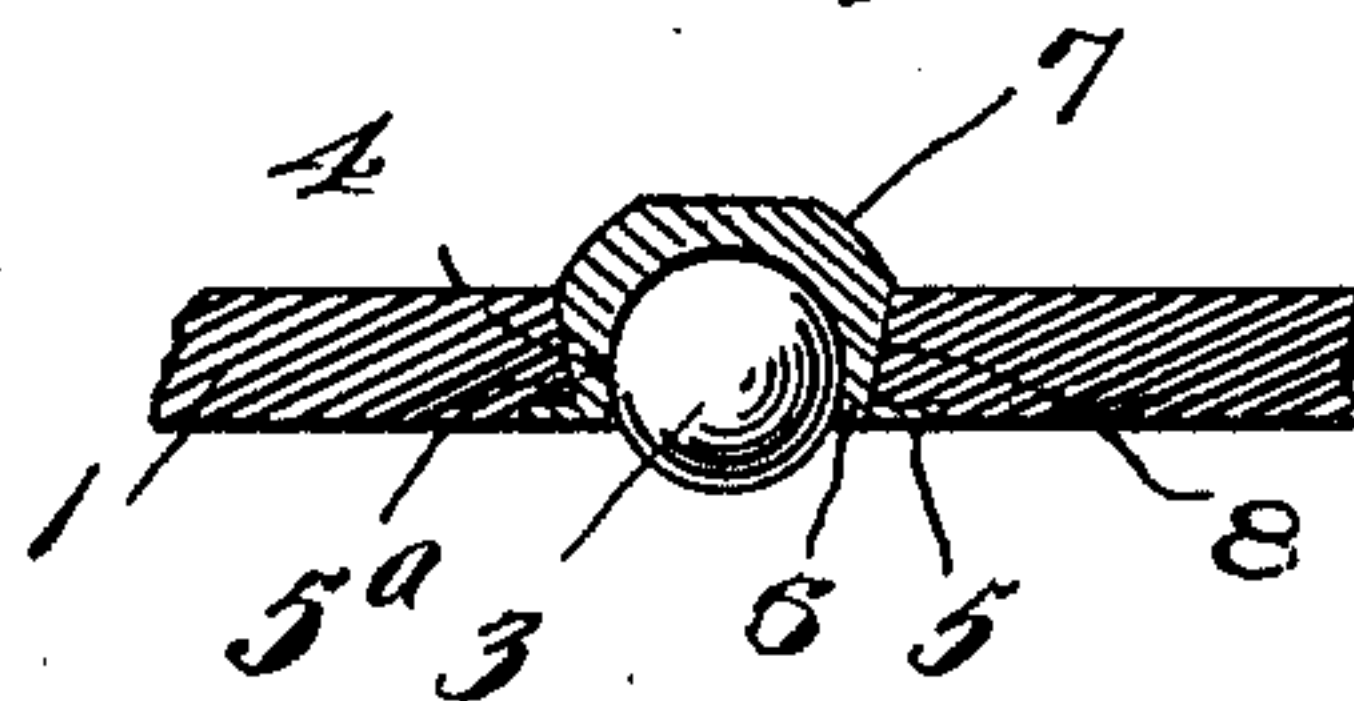
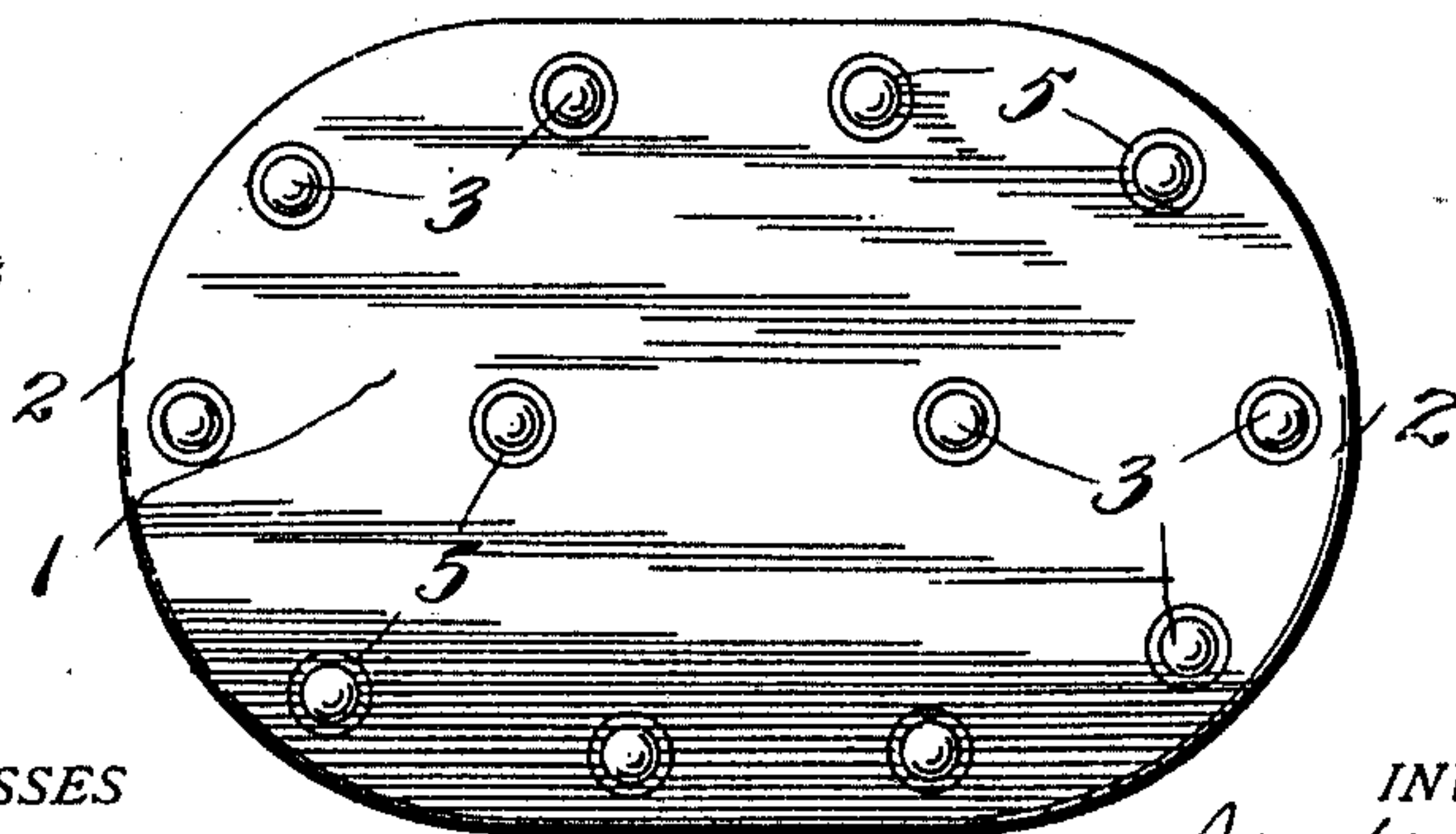


FIG. 3.



WITNESSES

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# UNITED STATES PATENT OFFICE.

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## HAND-REST.

988,893.

Specification of Letters Patent.

Patented Apr. 4, 1911.

Application filed September 24, 1910. Serial No. 583,702.

*To all whom it may concern:*

Be it known that I, JOSEPH PACKEWITZ, a citizen of the United States, residing at Providence, in the county of Providence and State of Rhode Island, have invented certain new and useful Improvements in Hand-Rests, of which the following is a specification.

My invention relates to improvements in hand rests and is adapted especially for use in the art of penmanship or autography.

The object of the invention is the provision of a device to be utilized as a hand rest by persons engaged in extensive handwriting, especially in books, such for instance as recorders and bookkeepers.

For this purpose I provide a hand rest or pad having on its undersurface anti-friction balls, capable of universal rotation and upon the upper surface of the device means are provided, whereby when in use, the rest is held under control of the hand thereon, and escape of the device from under the hand, or slipping of the hand from the device is positively provided against. These means referred to consist of protuberances above the upper surface of the pad or hand rest, and they insure a close relationship between the hand and pad, when the pad or rest is in use, and cause the pad to respond to the pressure of the hand with certainty in moving the hand as the writing proceeds.

The universal rotation of the anti-friction balls in their bearings insures a facile and smooth movement of the hand and hand rest, in any direction necessary to provide a predetermined stroke of the pen or other writing instrument. The use of the pad or rest also insures cleanliness of the paper upon which the writer is working, as the hand is lifted from contact with the paper, and soiling thereof is thus prevented.

The invention consists essentially of a light but strong plate of suitable material and preferably rounded corners provided with anti-friction devices upon one side thereof, and hand-engaging devices on the other side, and it further consists in certain novel features of construction and combinations and arrangements of parts as hereinafter set forth and more fully pointed out in the claims.

In the accompanying drawings I have illustrated one example of the physical embodiment of my invention constructed according to the best mode I have so far de-

vised for the practical application of the principles, and such embodiment has proven eminently satisfactory in its use.

In the accompanying drawings in which like parts are designated by similar numerals, Figure 1 is a perspective view of the novel hand pad or rest in use. Fig. 2 is a top plan view of the device. Fig. 3 is a bottom plan view of the rest, and Fig. 4 is a vertical sectional view showing the manner of securing the ball bearings in the material of the rest.

As at present constructed I use a sheet or plate 1 cut preferably from a stock of composition material or hard rubber, and form said plate with rounded ends 2, 2. The plate or sheet is comparatively thin and light, but of sufficient thickness and weight to fulfil the purposes and functions intended.

Practically the entire area of the under side of the pad or rest 1 is provided with anti-friction devices as bearing balls 3. As illustrated a line of the balls is shown about the perimeter of the pad and the two intermediate balls in conjunction with these balls about the edge of the pad provide a contact with the paper, of practically the entire area of the rest.

The bearing balls are held in sockets 4 which are formed with annular flanges 5, which flanges are turned out from the body of the rivet or securing device and are seated in countersinks 5<sup>a</sup> in the plate 1. The head 7 of the bearing member or socket projects above the plane of the upper surface of the hand rest. Between the head 7 and flange 5 the body of the rivet or socket is tapered as at 8. When the sockets or rivets are pressed into the material of plate 1 this tapered portion and the flange 5 serve to hold the rivets securely and permanently in place and prevent displacement of the anti-friction device.

The heads 8 of the sockets or rivets, in addition to their function as part of the rivets, also form convenient protuberances or projections, against which the hand may press while moving, during the process of writing.

The hand rest is particularly adapted to give a facile motion to the hand in writing, (the ball bearings permitting universal movement) while at the same time leaving the hand and fingers unhampered by devices clasped or clamped thereon, and the work of writing is rendered less tiresome and laborious.



It will be understood of course that the pad or rest will be made of different sizes to suit the hands of men, women or children.

Having thus fully described my invention,  
5 what I claim as new and desire to secure by Letters Patent is:

1. A hand rest as described comprising a flat plate a plurality of rivets secured in said plate having heads projecting above one side  
10 thereof, sockets formed in the rivets at the other side of the plate, anti-friction balls in said sockets, and said balls being disposed to form contact points over the entire area of the under side of the plate.

15 2. A hand rest as described comprising a

flat plate provided with rounded ends, a plurality of rivets secured in said plate having heads projecting above one side thereof, sockets and retaining flanges formed in the rivets at the opposite side of the plate, anti-  
20 friction balls in said sockets, and said balls being disposed to form contact points over practically the entire area of the under side of the plate.

In testimony whereof I affix my signature, 25  
in presence of two witnesses.

JOSEPH PACKEWITZ.

Witnesses:

J. L. MILLER,

G. M. LEWIS.

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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents,  
Washington, D. C."

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