

No. 728,875.

PATENTED MAY 26, 1903.

J. W. CURRIER.
CHANGEABLE SIGN.

APPLICATION FILED FEB. 4, 1903.

NO MODEL.

Fig. 1.

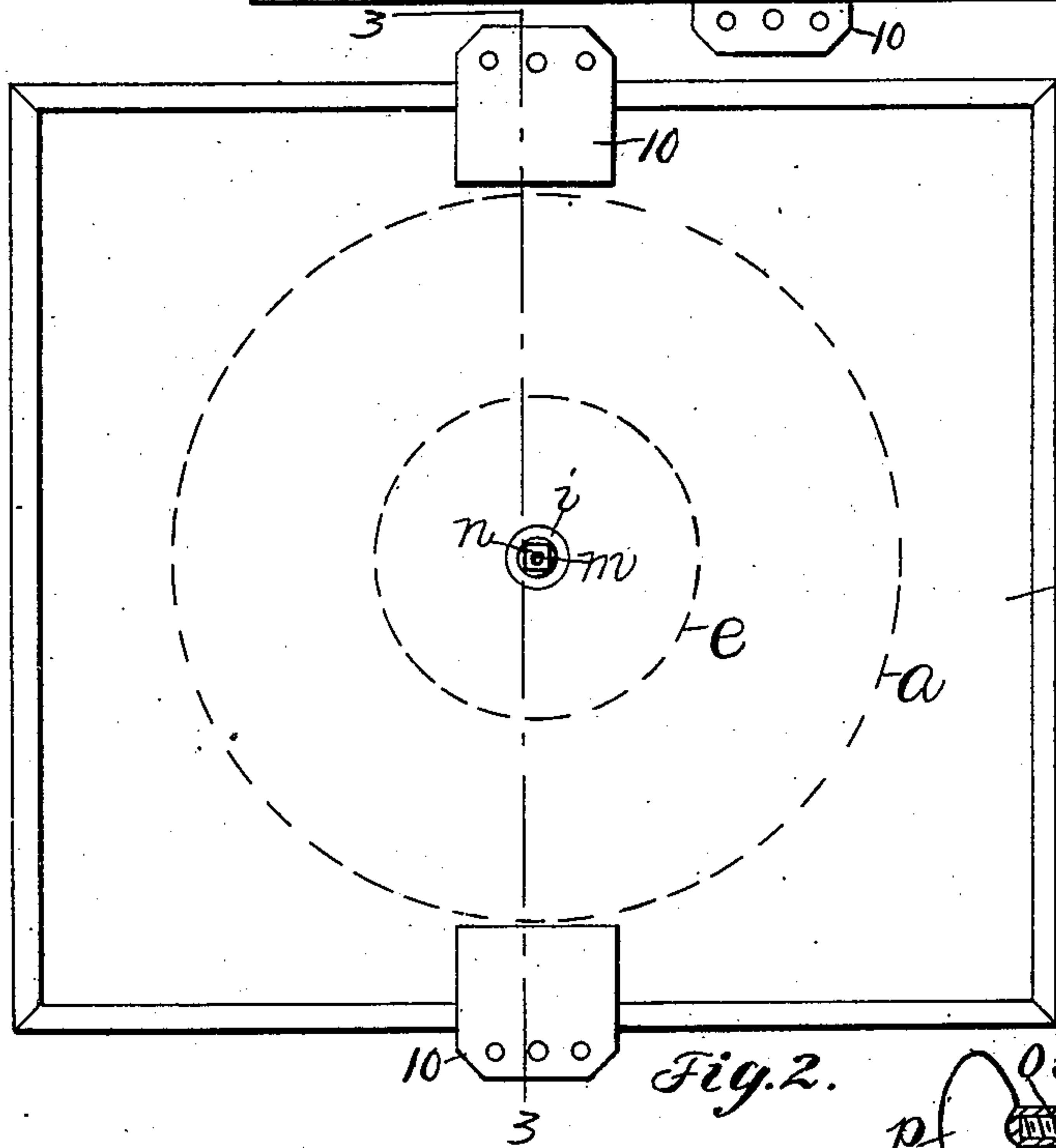
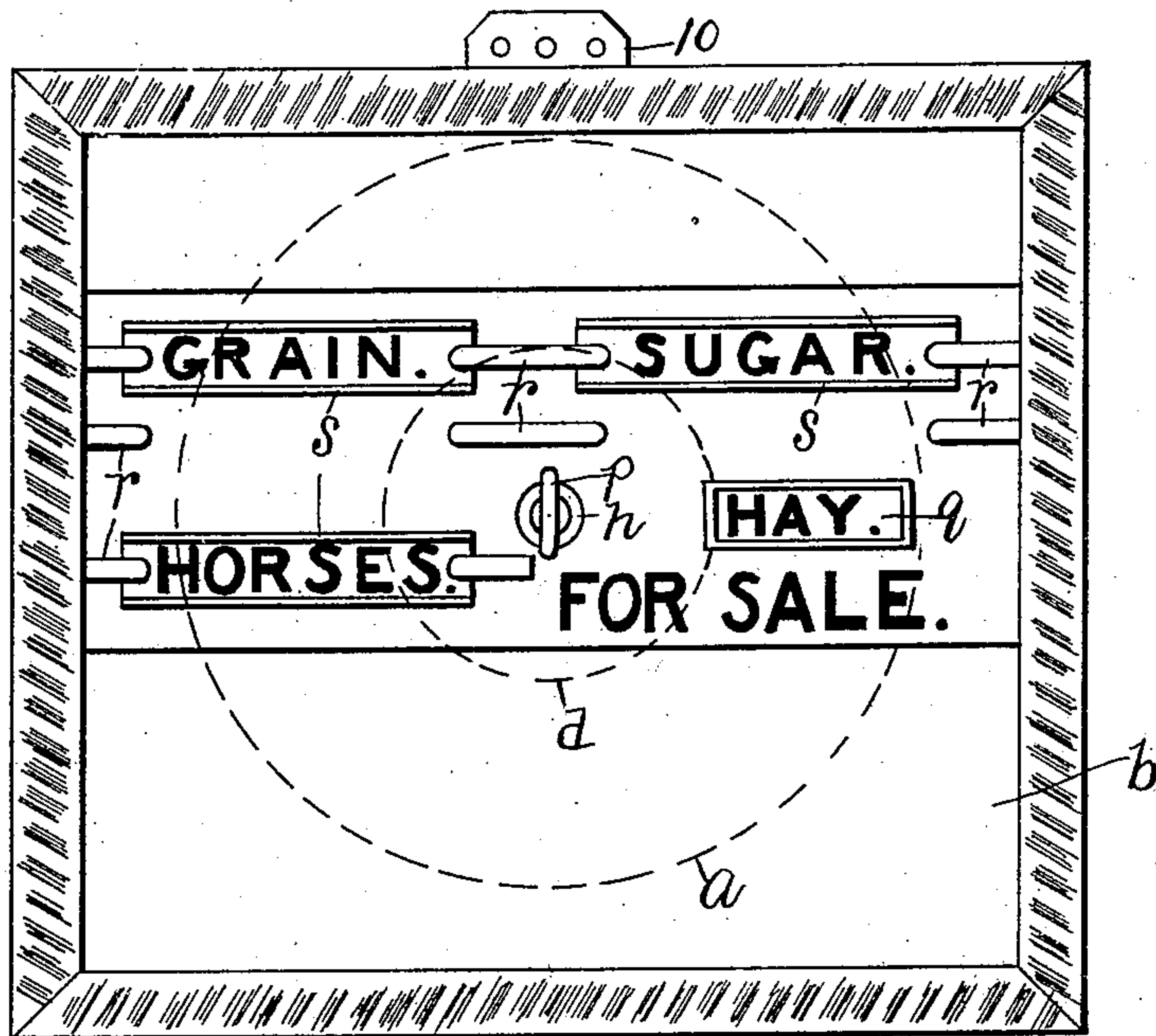


Fig. 2.

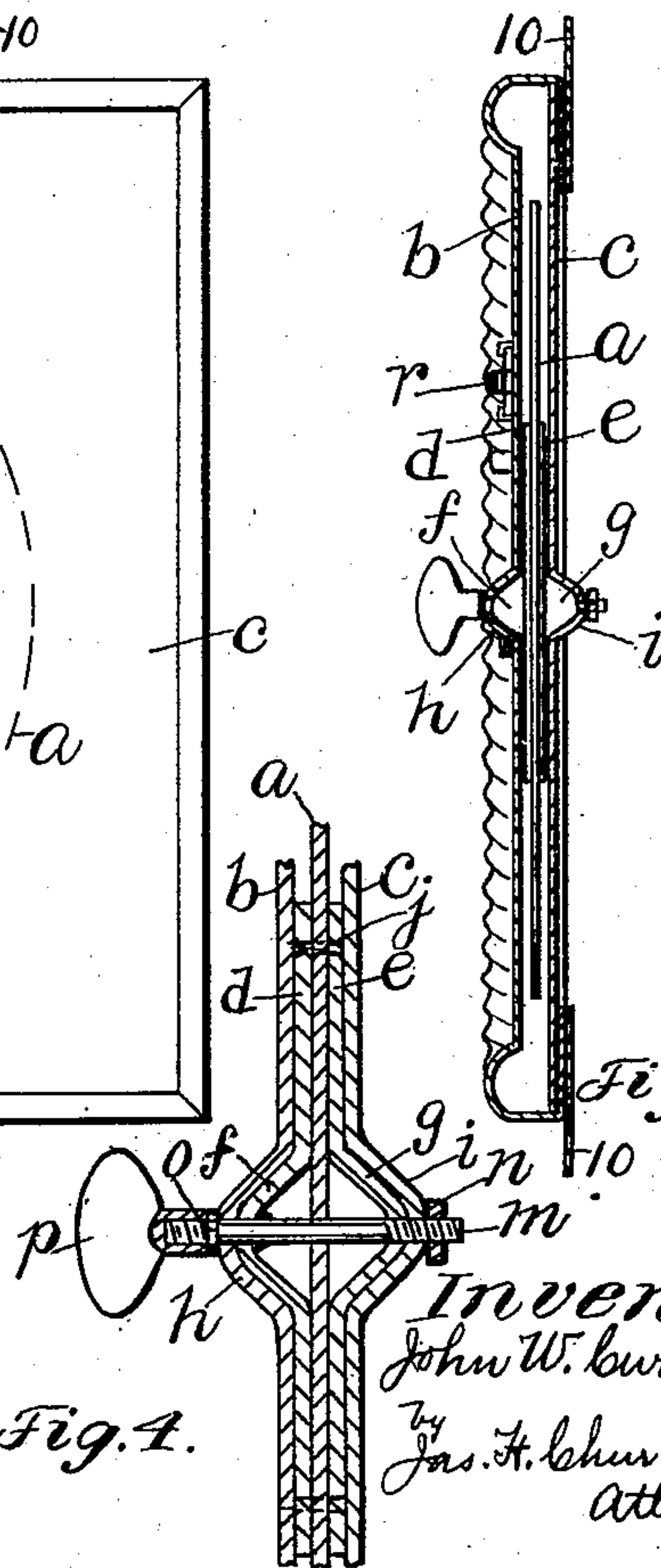


Fig. 3.

Fig. 4.

Witnesses.

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UNITED STATES PATENT OFFICE.

JOHN W. CURRIER, OF NORTH TROY, VERMONT.

CHANGEABLE SIGN.

SPECIFICATION forming part of Letters Patent No. 728,875, dated May 26, 1903.

Application filed February 4, 1903. Serial No. 141,919. (No model.)

To all whom it may concern:

Be it known that I, JOHN W. CURRIER, a citizen of the United States, residing in North Troy, in the county of Orleans and State of Vermont, have invented an Improvement in Changeable Signs, of which the following description, in connection with the accompanying drawings, is a specification, like letters on the drawings representing like parts.

10 This invention relates to a changeable sign especially designed and adapted for use by farmers in rural districts.

The invention has for its object to provide a novel and efficient sign for the purpose 15 specified and one which is liquid-tight, so that it can be exposed to the weather without danger of leaking. These and other features of this invention will be pointed out in the claim at the end of this specification.

20 Figure 1 is a front elevation of a sign embodying this invention; Fig. 2, a rear view of the sign shown in Fig. 1; Fig. 3, a vertical central section and elevation of the sign shown in Fig. 1, and Fig. 4 a sectional detail 25 to be referred to.

Referring to Figs. 3 and 4, *a* represents a disk of cardboard or other suitable material, upon which is printed or otherwise affixed suitable words indicative of the products the 30 farmer has to sell—such, for instance, as hay, oats, pigs, cows, &c. These words are arranged radially on the disk *a*, and the latter is located within a frame or casing comprising, as herein shown, two metal sheets or 35 plates *b c*, forming the front and back of said casing, the front sheet or plate being folded or bent over the edges of the back plate. The plates or sheets *b c* are separated by a substantially narrow space, practically only sufficient to contain the disk *a* and reinforcing 40 disks or plates *d e*, which in accordance with this invention are provided with oppositely-extended cones *f g*, which form pivots upon which the disk *a* is revolved and which cooperate with conical bearings *h i*, formed in the 45 front and back plates or sheets of the casing. The disks *d e* may be secured together by rivets *j*. (See Fig. 4.) The disk *a* and the metal disks *d e* may be revolved in the conical bearings in the front and back plates *b c* by means 50 of a shaft or pin *m* extended through the front and back plates and having one cone, as *f*, sol-

dered or otherwise firmly secured to it. The shaft *m* has its end extended through the back plate provided with screw-threads, which are 55 engaged by a nut *n*, by means of which the cones on the revolving disks may be brought into intimate or close contact with their bearing-cones in the front and back plates, the shaft *m* being provided, as shown, with a 60 collar *o*, against which the cone bears when the nut *n* is turned to draw the front and back plates together at or near their center. The shaft *m* may be provided with a key or thumb-nut, by means of which the said shaft 65 and the clamping-disks may be revolved when it is desired to turn the disk *a* so as to bring any word thereon into line with an opening in the front plate, which opening is covered and protected by glass or other suitable 70 material *q*.

The front plate *b* may be provided with suitable clips or fingers *r*, which are soldered or otherwise secured thereto and which serve to receive and hold detachable signs *s*, which 75 may be made of tin or other suitable metal. The front plate may also have printed thereon the words "For sale," preferably under the glass window *q*.

The front plate may and in practice will 80 have printed on it at its top the name of the farmer or party living on the farm where the sign is located, and the lower part of the front plate may be left blank, so that any desired advertisement may be printed thereon or af- 85 fixed thereto.

The sign may be provided with lugs 10, by which it may be secured to a post, tree, or other support.

By reference to Figs. 3 and 4 it will be ob- 90 served that the casing or frame in which the disk *a* revolves is narrow and of a width only sufficient to permit the disk *a* and the reinforcing or clamping disks *d e* to be revolved freely, and by means of the cones on the 95 disks cooperating with the conical bearings on the front and back of the casing a substantially tight fit is obtained, which prevents the passage of water into the casing.

It will be seen that by means of the nut *n* 100 the front and back plates of the casing may be drawn together near their center and are prevented from bulging out, which would impair the appearance of the sign, and, further,

the front and back plates are thereby reinforced or strengthened to such degree as will enable said plates to be made of thin stock, and therefore substantially inexpensive.

5 I claim—

In a changeable sign, in combination, a casing having its front provided with an opening and with a projecting cone and its back provided with a projecting cone, a revoluble
10 sign-disk within said casing, cones attached to said disk on opposite sides thereof and revoluble in the cones of the front and back of said casing, a shaft extended through said

cones and secured to one of the cones on the disk, and means to keep the cones on the 15 front and back of the casing in engagement with the cones on the disk, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of 20 two subscribing witnesses.

JOHN W. CURRIER.

Witnesses:

JAS. H. CHURCHILL,
J. MURPHY.