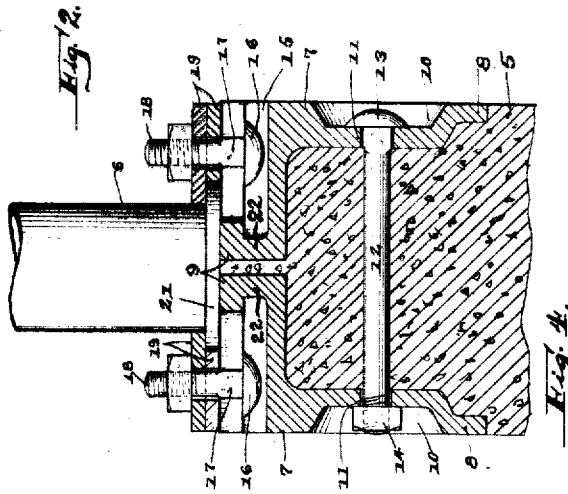
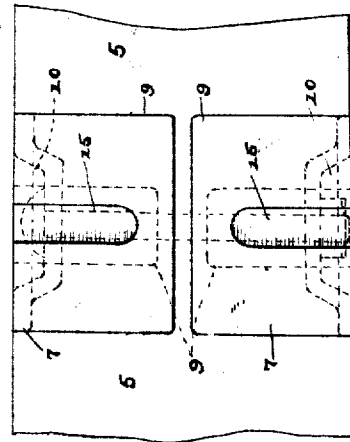
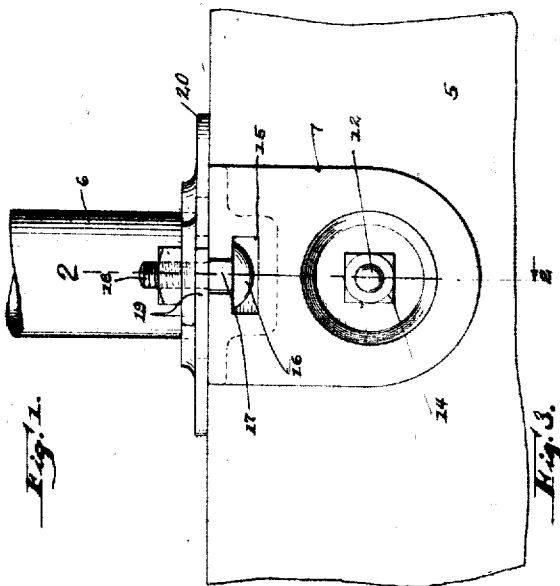
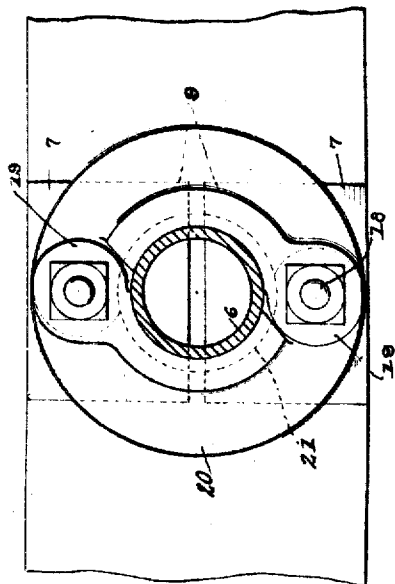


R. F. RASMUSSEN,
STALL FRAME SUPPORT.
APPLICATION FILED DEC. 26, 1919.

1,362,352.

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UNITED STATES PATENT OFFICE.

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STALL-FRAME SUPPORT.

1,362,352.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, ROBERT F. RASMUSSEN, a citizen of the United States, and resident of Oshkosh, in the county of Winnebago and State of Wisconsin, have invented new and useful Improvements in Stall-Frame Supports, of which the following is a description, reference being had to the accompanying drawings, which are a part of this specification.

The present invention relates to certain new and useful improvements in stall appliances and refers more particularly to a stall frame base or support adapted to be set in the usual concrete curbing when the same is being poured.

One object of this invention is to provide a stall frame base or support adapted to be set in the concrete curbing when the same is poured, and which is capable of ready removal from the curbing after the same has hardened.

A further object of this invention is to provide a stall frame base or support of the class described in which the stall frame may be readily secured thereto or detached therefrom.

A still further object of this invention is to provide a stall frame base or support so constructed that the same may be placed in the mold form of a concrete curbing so that the curbing may be poured to conform with the irregularities of the inner surfaces of the support, and at the same time permit the ready detachment of the support from the curbing when the same has hardened.

With the above and other objects in view which will appear as the description proceeds, my invention resides in the novel construction, combination and arrangement of parts substantially as hereinafter described and more particularly defined by the appended claims, it being understood that such changes in the precise embodiment of the hereindisclosed invention may be made as come within the scope of the claims.

In the accompanying drawing I have illustrated one complete example of the physical embodiment of my invention, constructed according to the best mode I have so far devised for the practical applica-

tion of the principles thereof, and in which:

Figure 1 is an elevational view of one side of a stall frame base or support secured to a curbing and embodying my invention.

Fig. 2 is a transverse sectional view through a stall frame base or support, said view being taken on the line 2—2 of Fig. 1.

Fig. 3 is a top plan view thereof, the stall frame being shown in cross section, and

Fig. 4 is a top plan view of a portion of a concrete curbing having my stall frame base or support secured thereto, the stall frame and the means for securing the same to the support being removed.

Referring now more particularly to the accompanying drawing, the numeral 5 designates a concrete curbing of the usual construction and adapted to run lengthwise of a stable at the inner end of a stall and having means for securing thereto at certain predetermined intervals the lower end of a stall frame 6.

My base support comprises two angular bracket members 7, each having a depending member 8, adapted to have its outer face in line with the adjacent side of the curbing 5, and a top portion 9 adapted to have its outer face in line with the top of the curbing 5. Each depending portion 8 is formed with an inwardly sunken or recessed portion 10, provided with a central aperture 11 for receiving a securing bolt 12 which passes through the curbing 5 and retains the members 7 in position. The recesses 10 are of sufficient depth to allow the head 13 and the locking nut 14 of the bolt 12 to be seated therein and thus permit the insertion of the support between the longitudinally extending boards, not shown, of the mold employed in forming the curbing 5.

The top portions 9 of the members 7 are also centrally recessed to provide inverted T-shaped guide ways 15 for receiving the head 16 and the squared shank portions 17 of clamping bolts 18, which pass upwardly through aligned apertures in the overlapped ends 19 of a two part annular ring 20 which

engages the flange or rib 21 formed on the adjacent lower end of the stall frame 6.

The T slots 15 are on substantially the same horizontal plane and closed at their inner ends, as at 22, and open at their outer ends whereby the bolts 18 may be inserted therein when the mold frame, not shown, for the curbing 5 is removed.

The stall frame base or support hereinbefore described, may be employed in connection with curbs of various heights and widths, the width of the curbing 5 governing the length of the bolt 12 as will be obvious. In forming the curbing 12, the usual mold boards, not shown, are placed in proper spaced relation and the members 7 are placed within the mold and the concrete then poured therein. The irregularities of the inner faces of the members 7 formed by the T slots 15 and recesses 10 prevent the members 7 from becoming loose after the concrete has hardened, as the bolt 12 secures them within the recesses thus formed in the curbing and the recesses preventing the lateral movement of the members 7 with respect thereto.

What I claim as my invention is:

1. A stall appliance comprising a concrete curbing, a bracket member having a struck in portion forming a recess in its outer face and a projection on its inner face, said projection on the bracket member inner face being engageable in a recess in the adjacent curbing face, and means for securing the bracket member in position on the curbing, said means having its outer portion disposed in said recess.

2. A stall appliance of the class described comprising two complementary angular bracket members each having a sunken re-

cess in their depending portion, a locking bolt passed through the depending portions of the bracket members centrally of the sunken recesses, the ends of the bolt being entirely disposed within the sunken recesses, and means for securing a stall fixture to the bracket members.

3. A stall appliance of the class described comprising two complementary bracket members each having a side portion and a top portion, each side portion having an inwardly struck portion providing a sunken recess, a locking bolt passed centrally through the sunken recesses to secure the bracket members to a stall curb, the ends of the bolt being entirely disposed within the sunken recesses, the inwardly struck portions positioning the bracket members on the stall curb, and means for securing a stall fixture to the top portions of the bracket members.

4. A stall appliance of the class described comprising two complementary bracket members each having a side portion and a top portion, each side portion having an inwardly struck portion providing a sunken recess, a locking bolt passed centrally through the sunken recesses to secure the bracket members to a stall curb, the ends of the bolt being entirely disposed within the sunken recesses, the inwardly struck portions positioning the bracket members on the stall curb, aligned T-shaped guide ways in the top portions of the bracket members, and fastening means carried by the guide ways for securing a stall fixture to the top portions of the bracket members.

In testimony whereof I affix my signature.

ROBERT F. RASMUSSEN.