

Patent Galvanized Steel Watering Bowls

Construction . .

In our Patent Galvanized Steel Bowls we make two constructions. Cut Fig. 1 shows our single bowl and method of installing or fastening it in place, while Fig. 2 shows construction of our Double Bowl. Cut Fig. 3 illustrates methods of fastening and using the Double Bowl. The Single Bowl is used in almost all new barns or where old stables are re-modeled. The Double Bowl is very serviceable in old stables, and is usually fastened through partition. In the construction of these bowls we use a good quality of stamping steel for the bowl proper, and a steel angular rim for the top of the bowl and when the construction is completed it is carefully galvanized, leaving no raw edges or parts which can rust. The formation of the bowl is such that the bottom is round and smooth causing them to be easily cleaned. In the two constructions of single and double bowls we are enabled to fit any kind of stalls with ease at a minimum cost.

It will be observed that at the bottom of each bowl there is an intake pipe, and that just inside of the bowl at the bottom there is located a brass valve seat and rubber ball inside of a brass cage. These three parts working in conjunction with each other compose a perfect working valve which prevents any refuse getting down into the intake pipe. They also prevent water flowing from one bowl to the other, and also regulate the flow of water into the bowls.

Our object being to allow the water to enter the bowls slowly so

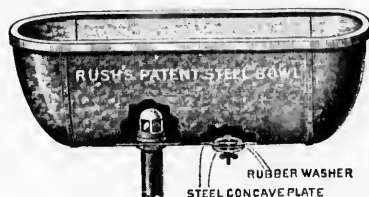


FIG 2
Cut of Double Bowl.

that the stock will sip it instead of drinking in large draughts. The valve is screwed on the top end of the inlet pipe with a rubber washer between the valve seat and bottom of bowl and tightened up with a lock nut from underneath the bowl making it leak proof, and easy to attach or detach without removing the bowl. With this valve the water can be entirely shut out of any single bowl without interfering with the balance of the system, which will go on working as usual.

The steel angular rim on top edge of bowl is so placed that the one web of the angle is turned inward and forms a lip which prevents the stock from slopping water over the edge of the bowl.

Cut Fig 3 shows how Double Bowl is fastened through old partitions.



FIG 1.
Cut of Single Bowl, showing
method of fastening to stall

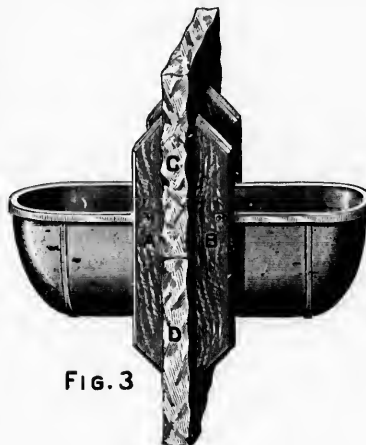


FIG 3

The Metal Shingle & Siding Co., Limited,
PRESTON, ONTARIO.