

H. S. SCHUMACHER.

GRIP.

APPLICATION FILED APR. 21, 1914.

1,171,071.

Patented Feb. 8, 1916.

2 SHEETS—SHEET 1.

FIG. 1--

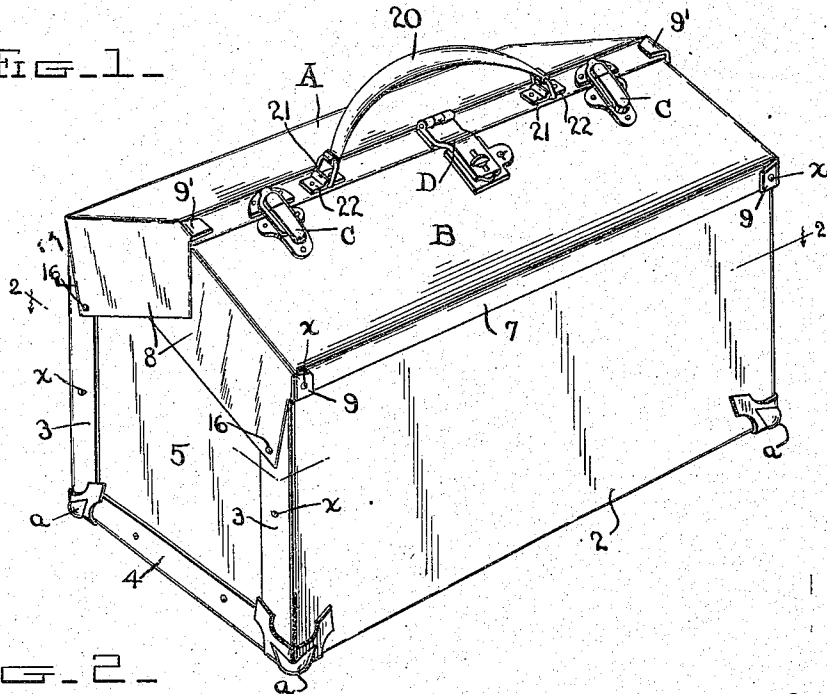
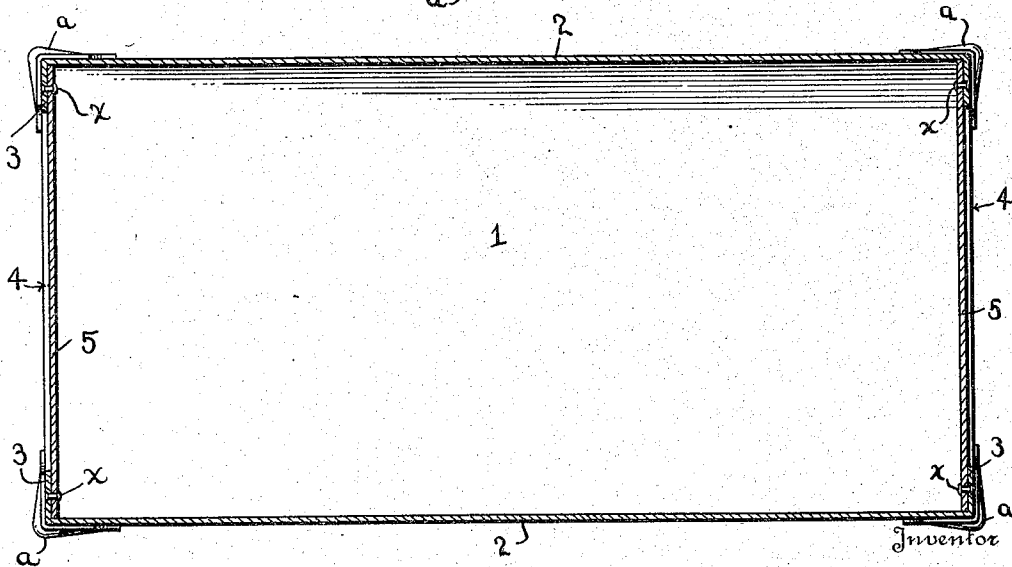


FIG. 2--



Witnesses

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2 SHEETS—SHEET 2.

Fig. 3—

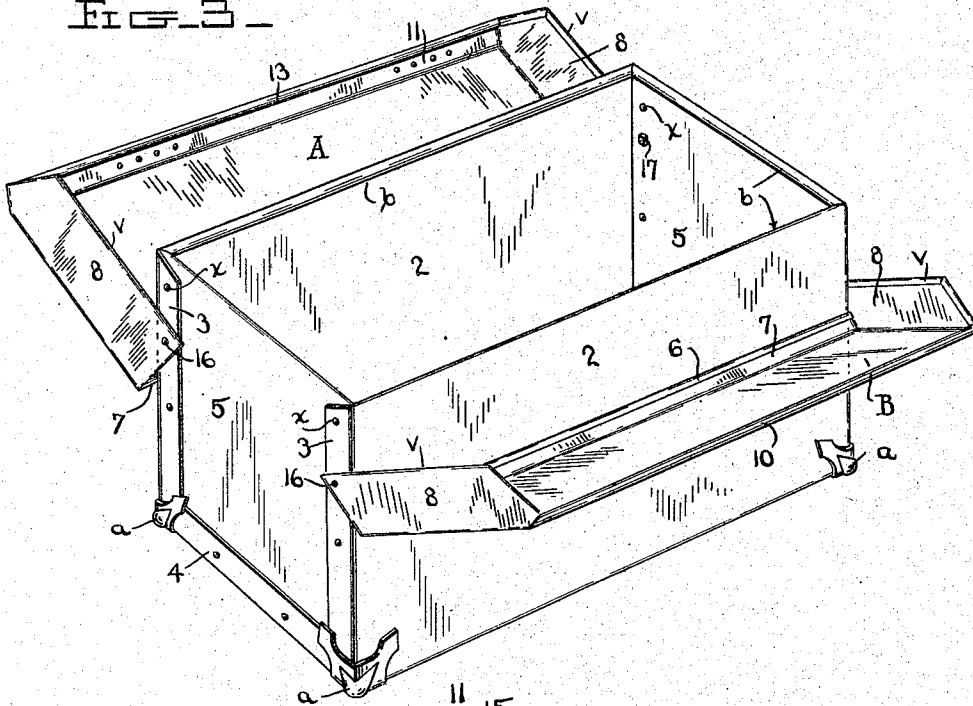
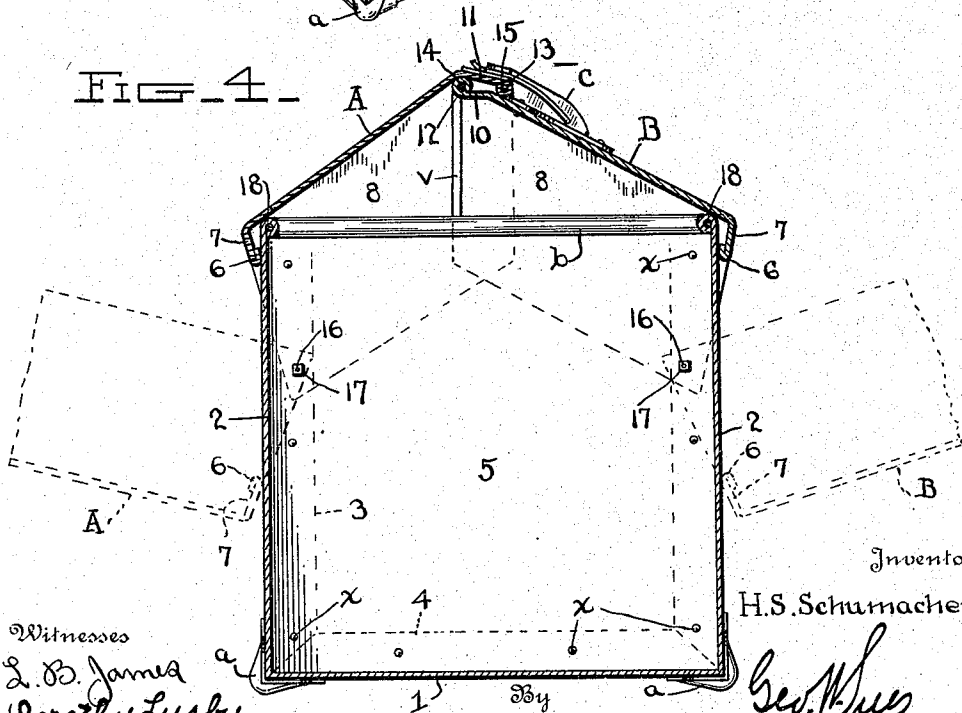


Fig. 4—



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# UNITED STATES PATENT OFFICE.

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## GRIP.

1,171,071.

Specification of Letters Patent.

Patented Feb. 8, 1916.

Application filed April 21, 1914. Serial No. 833,476.

*To all whom it may concern:*

Be it known that I, HENRY S. SCHUMACHER, a citizen of the United States, and a resident of Bloomington, in the county of McLean and State of Illinois, have invented certain new and useful Improvements in Grips, of which the following is a specification, reference being had to the accompanying drawings, forming a part of this specification.

This invention has relation to certain new and useful improvements in grips employed to contain personal wear; and the primary object of my invention is to provide a sheet metal grip of a simple and durable construction, which is water-proof and which can be opened its full length and width.

Another object is to provide a dust-proof sheet metal grip especially adapted to meet the needs and requirements of engine men and train men, who are compelled to carry extra wearing apparel with them upon their trips.

With these and other objects in view, the present invention consists in the combination and arrangement of parts as will be hereinafter more fully described and finally pointed out in the appended claim, it being further understood that changes in the specific structure shown and described may be made within the scope of the claim without departing from the spirit of the invention.

In the accompanying drawings forming a part of this specification and in which like numerals of reference indicate similar parts in the several views: Figure 1 shows a perspective view of a grip embodying my invention. Fig. 2 is a section on line 2, 2, of Fig. 1. Fig. 3 shows the two lids in their open position, disclosing the manner of holding them in upwardly inclined position. Fig. 4 is a transverse sectional view.

The grips train men and engine men carry with them on their trips are usually stored in dusty, steamy and often moist places, and are otherwise subjected to hard usage.

In my present invention I provide a water and dust-proof metal grip especially adapted to meet the requirements of engine men and train men.

In carrying out the object of my invention, I construct a receptacle which is preferably rectangular and made of sheet metal and includes the bottom 1 and the two integral sides 2, 2, these sides extending at

right angles to the bottom, and as shown each side 2 has two inwardly directed end flanges 3, while the bottom 1 has an up-standing flange 4, the flanges 3 and 4 extending in a common plane. Securely fixed to these flanges 3 and 4 are the two similar end plates 5. In actual practice, I prefer soldering the end plates 5, to the flanges 3 and 4, and then further securing the plates by means of suitable rivets *x*. At the four corners I provide the corner brackets *a*. Secured to this receptacle are two similar lids, each comprising a flat plate or top portion A and B having an outer stop flange 7, held at a right angle to the top portion which has its edge 6 lapped over, as shown in Fig. 4. The upper edges 10 and 11 of these lids are arranged to overlap as shown in Fig. 4, the edge 10 being provided with an upwardly curved bead 12 and the overlapping edge 11 with a bead 13, a strengthening wire 14 being held within the first bead and a reinforcing wire 15 within the second plate. As shown, these overlapping edges are approximately in parallel spaced relation, one binding tightly upon the other.

Each lid is further provided with two flat securing end flaps 8, these flaps extending at right angles from the lids, as clearly shown in Fig. 1. Each flap is further provided with an ear 9, secured by means of suitable rivets *x* to a stop flange 7, this construction being best shown in Fig. 1. The bottom and inner edges of these flaps 8 are further overlapped as is shown at *v*, in Fig. 3, while at their outer ends each end flap is provided with a corner ear 9' secured to its lapping edge, as clearly shown in Fig. 1.

At a suitable point each end flap has an opening registering with an opening passing through the end plates 5 and the flange 3 to receive a pivot stud 16, these studs being in the form of bolts engaging the nuts 17, as shown in Fig. 4. By this means each lid is pivotally secured at two points to the end members 5.

In referring to Fig. 4 it will be noticed that each lid is held in oblique position, each lid resting upon the upper edge of the sides 2. The sides 2, as well as the ends 1 are each provided along their upper edges with a bead *b*, arranged to receive a reinforcing wire 18, this construction being shown in Fig. 4.

In the closed condition of the lids 4, the stop flanges 7 bind against the faces of the sides 2, while the lids proper rest upon the upper edges of the receptacle to form a dust and water-tight union. The end flaps 8 further slide snugly against the ends 5, as well as against one another.

Secured to the under lid B and the overlapping edge 11, are suitable fastening members C, while a lock D is further provided, so that the lids may be securely locked one to the other.

The grip is carried preferably by a leather handle 20, the ends of which are pivotally secured to the swing links 21, secured to the plates 22, which are in turn fixed to the overlapping edge 11.

As shown in Fig. 4, the stop flanges are in normal engagement with the sides 2 and perform a special service, in that when the lids are open, these stop flanges 7 hold the lids in upwardly inclined position, so that two trays are provided within which clothing may be laid while being packed or unpacked.

These grips can be made in several sizes, and are simple and inexpensive in construction, both durable and efficient in operation, and when the lids are open, the grip proper is exposed its full length and width,

permitting the wearing apparel being readily inserted or removed from the grip.

Having thus described my said invention what I claim as new and desire to secure by U. S. Letters Patent is:

A grip of the class described, comprising a rectangular sheet metal receptacle including a bottom and two integral sides and two end flanges, two metal end plates secured to said flanges and said sides, two similar sheet metal lids each comprising a flat top portion having an outer stop flange held at a right angle to said flat portion arranged to contact with one of said sides, said lids being provided with overlapping upper edges each lid further provided with two flat securing end flaps extending at a right angle from said top portion each flap having an ear, means to secure each ear to one of said stop flanges, the inner ends of said flaps arranged to overlap at times, and pivot studs passing through said flaps to secure the same to said end plates, as and in the manner set forth.

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

HENRY S. SCHUMACHER.

Witnesses:

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A. F. MORATZ.

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