T. J. YOUNGLOVE.

TOOL BAG.

APPLICATION FILED OCT. 22, 1909.

958,347. **Patented May 17, 1910.**

2 SHEETS—SHEET 1.

Fig. 1.

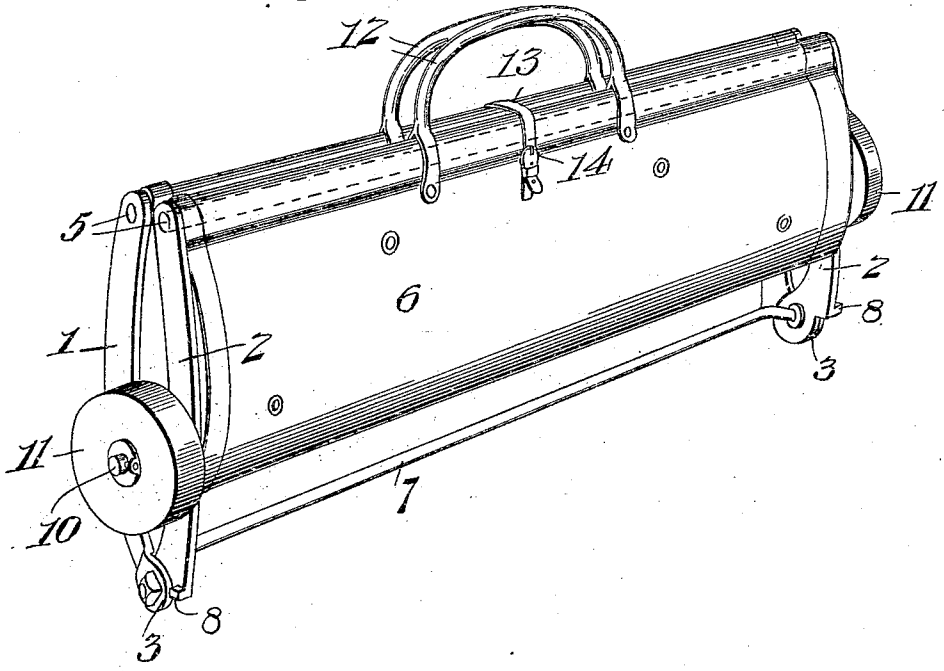
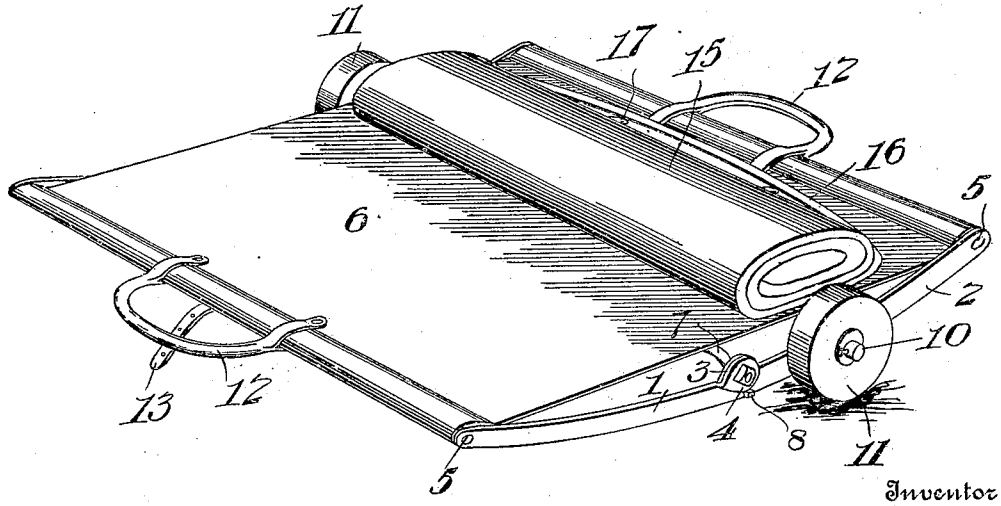


Fig. 2.



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2 SHEETS—SHEET 2.

Fig. 3.

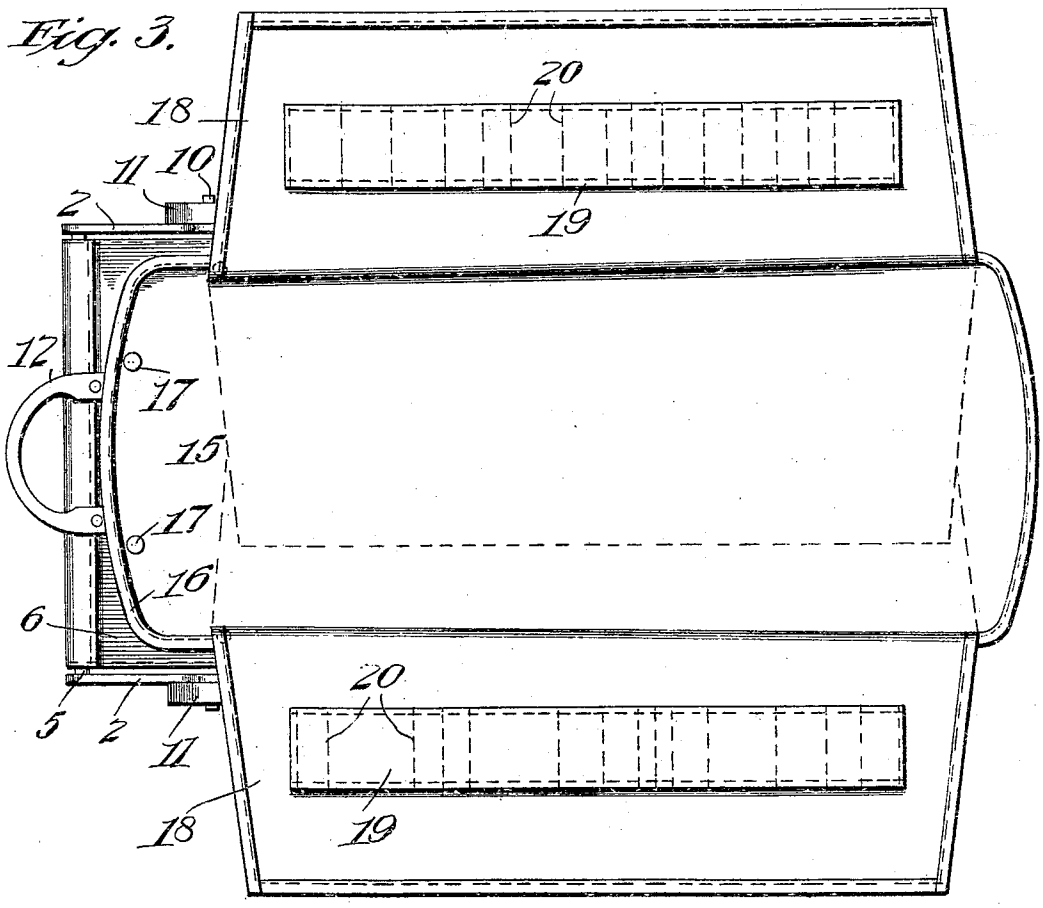


Fig. 4

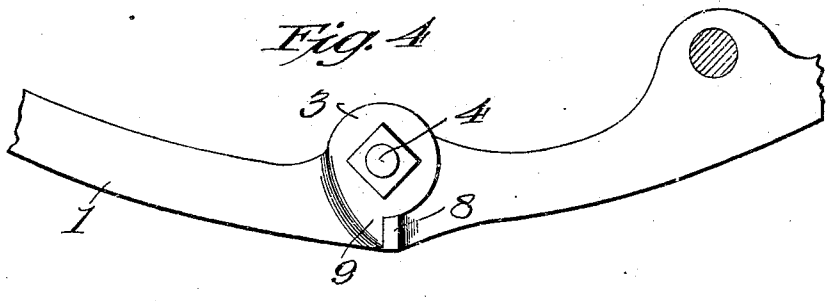
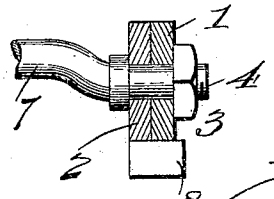


Fig. 5.



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UNITED STATES PATENT OFFICE.

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TOOL-BAG.

958,347. Specification of Letters Patent. Patented May 17, 1910.

Application filed October 22, 1909. Serial No. 524,078.

To all whom it may concern:

Be it known that I, THOMAS J. YOUNGLOVE, a citizen of the United States, residing at Richmond, in the county of Henrico and State of Virginia, have invented a certain new and useful Tool-Bag, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to tool bags especially designed for use in connection with automobiles and in circumscribed spaces where the mechanic is in a cramped position and is constantly in need of a kit of tools, the device of this invention enabling the mechanic to move the entire kit of tools in any direction and to drag the same along with him as he changes his position, thereby adding greatly to his convenience and enabling him to perform work which, without the aid of this invention, would require the services of an assistant.

With the above general object in view, the invention consists in the novel construction, combination and arrangement of parts hereinafter described, illustrated and claimed.

In the accompanying drawings:—Figure 1 is a perspective view of the complete tool bag in its folded condition. Fig. 2 is a perspective view showing the combined apron and satchel spread open and the tool bag formed into a roll upon the same. Fig. 3 is a plan view of the complete article in its full spread out condition. Fig. 4 is a side elevation on an enlarged scale of a portion of one of the side bars of the trundle carriage and stretcher showing the knuckle joint. Fig. 5 is a detail cross section through the same.

Referring primarily to Figs. 1 and 2, it will be observed that the device comprises essentially a combined trundle carriage and stretcher which consists of a pair of side bars, each composed of a pair of pivotally connected sections 1 and 2, the same being connected together about centrally of the stretcher as a whole by means of a knuckle joint as shown at 3, said knuckle joint consisting of overlapping ears on the two members of the side bars as best illustrated in Figs. 4 and 5 and a connecting bolt or pivot 4 passing through said ears.

At their outer ends, the side bars are connected by stretcher rods 5 to which are attached in any convenient way the opposite edges of a combined apron and satchel 6 consisting of leather, oil cloth or any suitable flexible material. The side bars are further connected by means of a combined hinge and tie rod 7 as illustrated in Figs. 1 and 2 and the opposite extremities of said rod are preferably deflected or bent downward and outward through the overlapping ears 3 of the knuckle joints as indicated in Figs. 1 and 2. Each of the knuckle joints is provided with coöperating stop shoulders 8 and 9 which limit the opening movement of the sections 1 and 2 of the side bars and normally sustain the same when open in the position shown in Fig. 2.

Secured to the sections 2 of the stretcher frame are outwardly projecting spindles 10 upon which are journaled trundle wheels 11 which support the trundle frame clear of the ground and enable the same to be drawn along by the operator as required. The combined trundle carriage and stretcher is also provided at its opposite ends with hand grips 12 to enable it to be drawn in either direction and also to enable the device as a whole to be carried conveniently in the hand when folded in the form of a satchel as shown in Fig. 1, under which arrangement the hand grips 12 lie close together as in an ordinary satchel.

The combined apron and satchel is held closed by means of any suitable fastening device such as a strap 13 and buckle 14.

Attached to the flexible apron 6 is a tool bag also composed of any suitable flexible material such as leather or canvas, said tool bag comprising a central main body portion 15 which is preferably reinforced along its marginal edge as shown at 16, said body being secured at one end to the apron 6 by rivets 17 or their equivalents.

The tool bag is also provided with oppositely arranged flaps 18 and to each flap is secured a tool holding rack 19, the same preferably consisting of a strip of flexible material stitched at intervals as indicated at 20, the lines of stitching being located at suitable distances apart to form pockets for the various tools required in the mechanic's equipment.

From the foregoing description, it will be understood that the device as a whole when folded as shown in Fig. 1 makes a convenient satchel which may be readily carried in the hand and placed in a tool box of an

automobile. When in use, the combined carriage and stretcher is spread out in the position shown in Fig. 2 and the tool bag proper is then unrolled from the position shown in Fig. 2 to the spread out position shown in Fig. 3, thus making all of the tools accessible. While in this position, the operator by means of one of the hand grips 12 may draw the combined carriage and stretcher along the ground or floor and thus reach all points beneath an automobile, engine or other structure upon which he is working and this is done without injury to the exposed surface of either the tool bag proper or the combined apron and satchel, the wheels or rollers 11 together with the frame sections 1 and 2 of the carriage holding the apron 6 out of contact with the surface upon which the device is resting.

The carriage is constructed to support the weight of the mechanic while working under an automobile or in circumscribed spaces enabling him to rest his body upon the carriage and thereby creep along from place to place, at the same time dragging the kit of tools after him. This also keeps the mechanic out of contact with the ground and saves his clothing.

I claim:—

1. A body-supporting wheeled stretcher comprising a jointed and folding frame, hand grips arranged at opposite ends of the stretcher, a flexible apron connected to the frame, and a tool bag attached to and supported by said apron.

2. A body-supporting stretcher comprising jointed and folding side bars, supporting wheels for the stretcher mounted on the side bars at one side of the joints thereof, hand grips at opposite ends of the stretcher, a flexible apron connected to the frame, and a tool bag attached to and supported by said apron.

3. A device of the class described comprising a frame embodying jointed and folding side bars, end bars connecting the side bars, a rod extending across the frame and forming the pivot of the joints in the side bars, a flexible apron connecting the end bars, hand grips connected with the end bars, and a tool bag attached to and supported by the apron.

4. A flexible tool bag adapted to be rolled up and spread out, in combination with a combined carriage and stretcher to which the bag is attached, said combined carriage and stretcher being adapted to fold around the tool bag in the form of a satchel.

5. A flexible tool bag adapted to be rolled up and spread out, in combination with a combined carriage and stretcher to which said tool bag is attached, and oppositely arranged hand grips attached to said carriage.

6. A flexible tool bag adapted to be rolled up and spread out, in combination with a wheeled and foldable carriage to which said tool bag is attached, said carriage embodying side bars with knuckle joints substantially as described.

7. A flexible tool bag adapted to be rolled up and spread out, in combination with a jointed and folding carriage to which the bag is attached comprising jointed side bars, and a combined hinge and tie rod connecting the side bars at the knuckle joints.

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

THOMAS J. YOUNGLOVE.

Witnesses:

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CHAS. I. PHILIP.