Dec. 9, 1924. 1,518.672

M. J. O'CONNELL

TOOL KIT

Filed Nov. 29, 1921 2 Sheets-Sheet 1

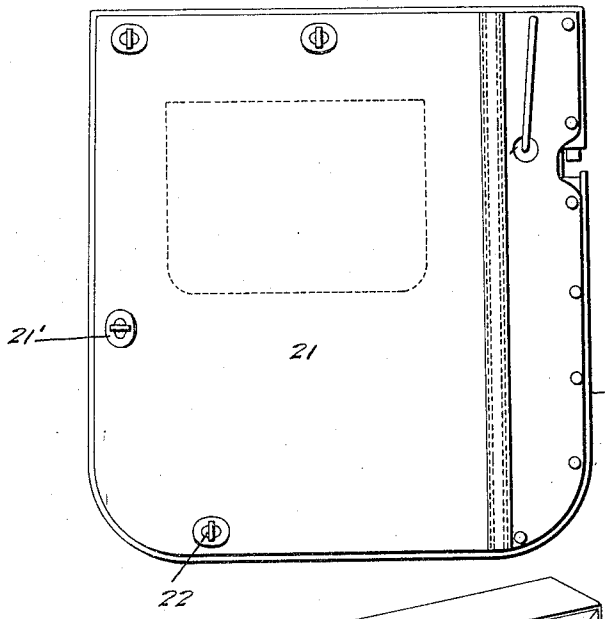


Fig. 1.

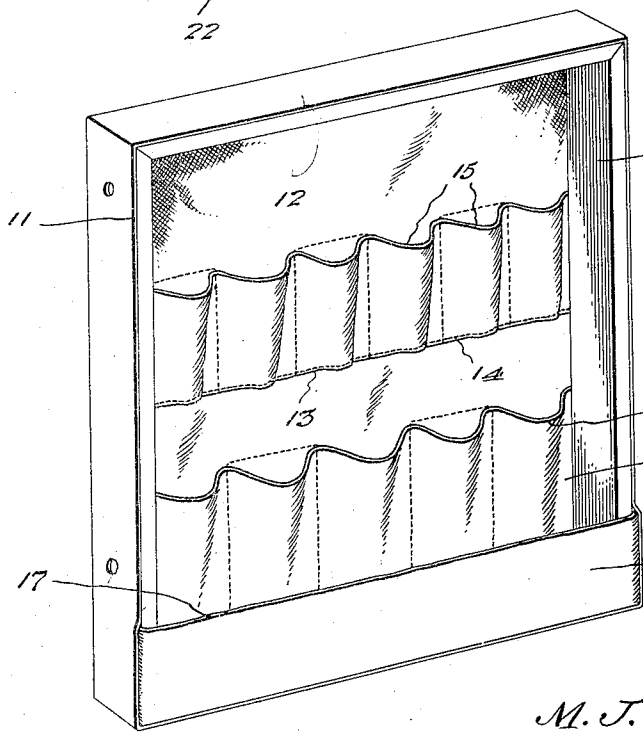


Fig. 4.

M. J. O'Connell
INVENTOR

BY Victor J. Evans
ATTORNEY

Paul M. Hunt
E. Yeager
WITNESS:

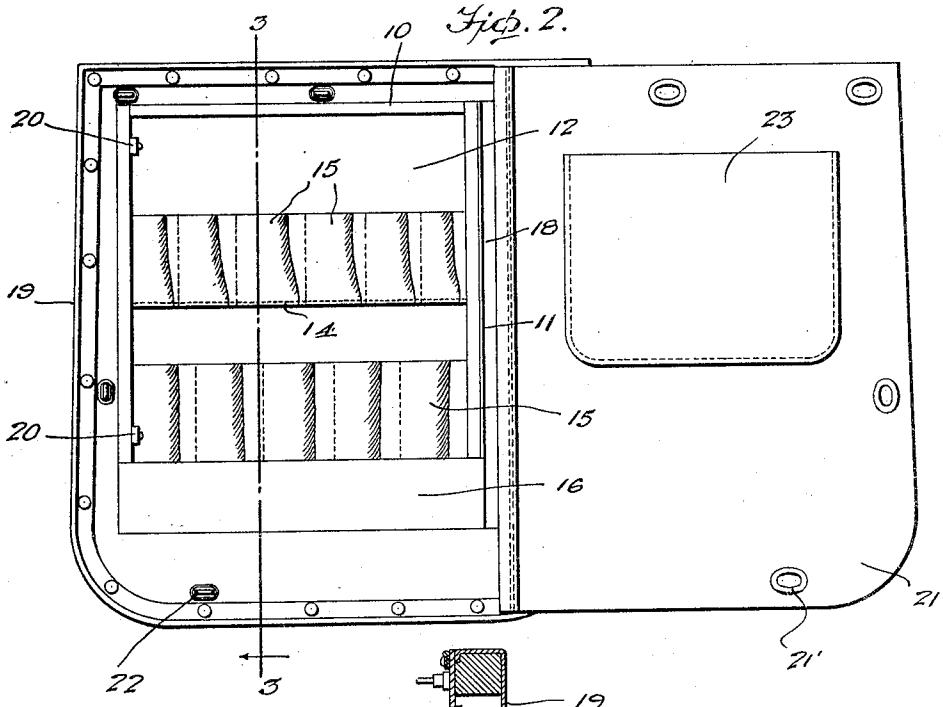
Dec. 9, 1924. 1,518,672

M. J. O'CONNELL

TOOL KIT

Filed Nov. 29, 1921 2 Sheets-Sheet 2

Fig. 2.



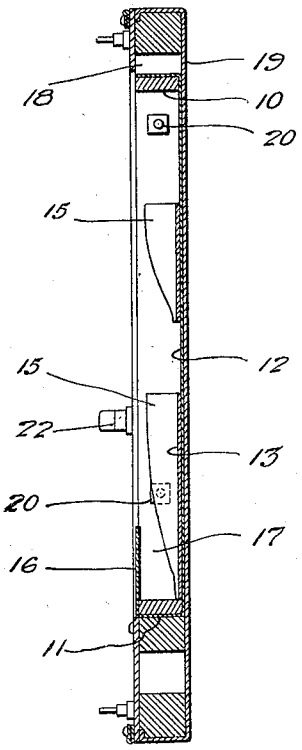


Fig. 3.

Paul W. Hunt.
E. Eyerges
WITNESS:

M. J. O'Connell
INVENTOR
BY Victor J. Evans
ATTORNEY

Patented Dec. 9, 1924. 1,518,672

UNITED STATES PATENT OFFICE.

MICHAEL JAMES O'CONNELL, OF FREEPORT, ILLINOIS.

TOOL KIT.

Application filed November 29, 1921. Serial No. 518,653.

To all whom it may concern:

Be it known that I, MICHAEL J. O'CONNELL, a citizen of the United States, residing at Freeport, in the county of Stephenson and State of Illinois, have invented new and useful Improvements in Tool Kits, of which the following is a specificaion.

This invention relates to tool kits, and has for its chief characteristic, the provision of a kit designed to be positioned within an opening provided in the door of a motor operated vehicle or the like, so that the tools can be carried in a most logical and convenient position on the machine to be readily accessible, in contra-distinction to the usual or well known manner of carrying such tools in a box provided beneath the seat of the vehicle.

Another object of the invention resides in the provision of a tool kit which is in the nature of an attachment for a motor operated vehicle, inasmuch as the tool kit is constructed to be manufactured and sold as an article and is capable of being associated with doors in the manner above stated.

The nature and advantages of the invention will be better understood when the following detailed description is read in connection with the accompanying drawings, the invention residing in the construction, combination and arrangement of parts as claimed.

In the drawings forming part of this application, like numerals of reference indicate similar parts in the several views, and wherein:—

Figure 1 is a view looking at the inner side of an automobile door or the like with which the tool kit is associated.

Figure 2 is a similar view, showing the door of the kit opened.

Figure 3 is a sectional view taken on line 3—3 of Figure 2.

Figure 4 is a perspective view of the tool kit removed from the door.

Referring to the drawings in detail, the tool kit forming the subject matter of the present invention consists of a frame 10 which may be constructed of any suitable material and also vary in size without departing from the spirit of the invention. A piece of leather or any other suitable flexible material is arranged at one side of the frame 10 and has its marginal edges folded over the sides and ends of the frame to which the material 11 is secured in any suitable manner as at 12. This constitutes the wall of the kit upon which the tools are supported in a manner to be hereinafter described. Arranged transversely of the wall 11 and stitched or otherwise secured thereto are strips of flexible material 13, these strips being stitched longitudinally thereof to secure them to the wall 11, and also transversely as at 14 to define pockets 15 to accommodate tools or other objects desired to be carried in the vehicle. It is of course understood that the pockets may vary in depth and they may also vary in width to accommodate articles of different characters, as well as the different size tools which form part of an automobile equipment. Secured to the frame 10 at one end therof is an additional piece of flexible material 16 which extends across the frame in spaced parallel relation to the wall 11 to define a single pocket by the intervening space 17, which pocket is of a suitable size to accommodate large wrenches or the like. As illustrated in the drawings, the kit in its entirety is placed within the usual opening 18 of an automobile door indicated at 19, the frame being held positioned in said opening by removable fastening elements 20 of any suitable character, so that the frame can be easily associated with or removed from the door. The opening of the door is normally closed by a hinged cover 21 which may also be constructed from any suitable material, and held in its closed position in any desired manner. The cover however, is preferably provided with eyelets 21 which receive the fastening elements 22 carried by the door. It is desired to have it understood that this cover can be arranged to open from either side or from the top or bottom of said door. Carried by the inner face of the cover is a pocket 23 of a size to accommodate road maps or the like. As above stated, the invention is more or less in the nature of a new article of manufacture, and can be manufactured and sold at a nominal cost, and easily associated with or removed from an automobile door as the occasion requires. The invention is particularly advantageous in supporting the necessary tools in a position where they can be readily obtained, without necessarily disturbing the occupants of the car.

While it is believed that from the foregoing description, the nature and advantages

of the invention will be readily apparent, I desire to have it understood that I do not limit myself to what is hereinshown and described, and that such changes may be resorted to when desired as fall within the scope of what is claimed.

What I claim is:

The combination with an automobile door having an opening therein, of a tool kit wholly positioned within the opening and comprising a rectangular frame, a piece of flexible material arranged at one side of the frame and constituting a rear wall thereof, the marginal edges of said wall being folded over the adjacent sides and end of the frame and secured thereto, fastening elements holding the frame in the recess in such manner as to clamp the marginal edges of the flexible wall between the sides and ends of the frame and side walls of the recess, flexible strips arranged transversely of said rear wall and stitched along one longitudinal edge thereof, said strip being also stitched along spaced vertical lines to define a plurality of pockets, an additional transverse member of flexible material secured to the opposite side of the frame and arranged transversely thereof adjacent the bottom to define an additional pocket, and a closure for said kit, hinged upon the door frame.

In testimony whereof, I affix my signature.

MICHAEL JAMES O'CONNELL.