

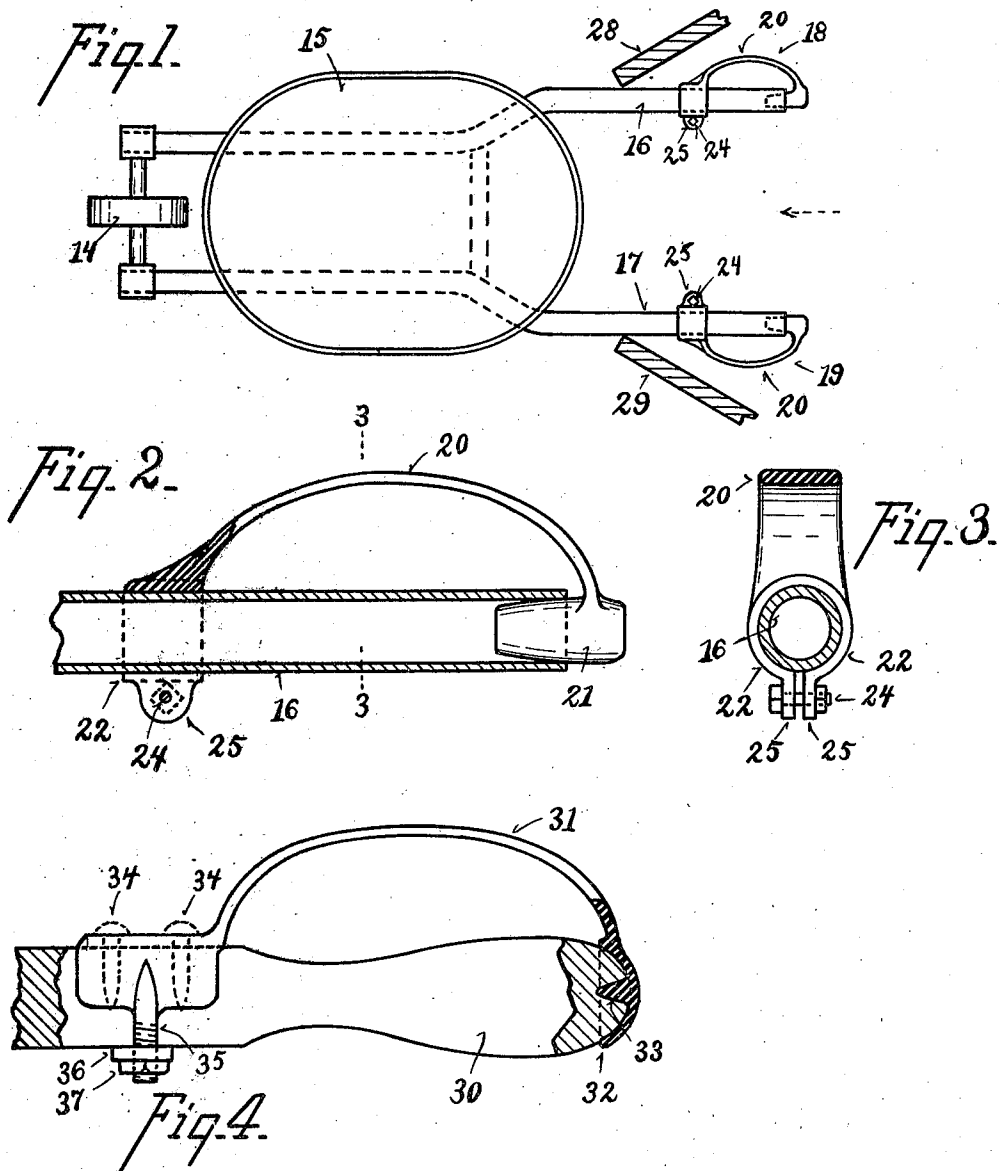
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WHEELBARROW HANDLE GUARD

Filed May 27, 1921



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# UNITED STATES PATENT OFFICE.

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## WHEELBARROW-HANDLE GUARD.

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*To all whom it may concern:*

Be it known that I, GIDEON C. BATTEN, a citizen of the United States, residing at Cincinnati, in the county of Hamilton and State of Ohio, have invented certain new and useful Improvements in Wheelbarrow-Handle Guards, of which the following is a specification.

My invention relates to improvements in guards for wheelbarrow handles. One of its objects is to provide guards adapted to be conveniently and firmly attached to the handles of wheelbarrows to protect the hands of the operators against injury from striking door frames, doors, or other objects which the wheelbarrow is required to pass. Another object is to provide improved means to conveniently and firmly attach the guards to the handles. Another object is to provide improved guards adapted to be attached at opposite ends to the handles and to guard and fend off objects in either forward or reverse direction. My invention also comprises certain details of form combinations and arrangement, all of which will be fully set forth in the description of the accompanying drawings: in which:

Fig. 1, is a plan view of a metal-type wheelbarrow provided with my improved guards.

Fig. 2, is an enlarged detail partly in section of one of the guards of Fig. 1.

Fig. 3, is a sectional view on line 3—3 of Fig. 2.

Fig. 4, is a view similar to Fig. 2, illustrating a modification adapted to apply the guards to wooden wheel barrow handles.

The accompanying drawings illustrate the preferred embodiments of my invention in Figs. 1 to 3 of which 15 represents a metal type wheelbarrow having a wheel 14 and tubular metal handle-bars 16, and 17. The handle guards 18 and 19 are preferably malleable castings comprising curved guard-members 20 having at one end projections 21 adapted to enter the ends of the tubular handles, and at the opposite end with split rings 22 adapted to lip over the handle-bars and to be clamped firmly thereto by means of clamping bolts 24, passing through ears 25 at the adjacent ends of the split ring.

The projections 21 are preferably tapered so as to seat firmly in the ends of the handle-bars. The split rings 22 are preferably reamed or bored to fit snugly and

uniformly over the exterior of the handle-bars. Thus the guards are readily attached or detached from the handle-bars, and when attached are firmly and rigidly secured in position with reference to the handle-bars, and at both ends. The handle-bars are grasped by the operator midway of the ends of the guards.

By employing guards such as shown the wheelbarrow may be conveniently driven through automatically closing storm doors 28 and 29 shown in Fig. 1 for instance, or screen doors, and are otherwise conveniently employed to pass through door frames or alley ways or through other confined spaces without liability to injure the hands of the operator. The guards protect the hands of the operator equally well whether the wheelbarrow is propelled forwardly or backwardly.

In the modification Fig. 4, 30, represents one of the wooden handles of a wood type wheelbarrow in which the outer end of the handles is usually rounded. One end of the guard 31 has preferably a cup or recess 32 to fit over the end of the handle-bar 30 and also preferably a projection 33 to enter or be driven into an opening in the end of the handle-bar to attach the guard at its outer end to the handle-bar. At the opposite end of the guard the guard may be attached to the handle-bar by means of screws 34 shown in dotted lines, but is preferably secured thereto by means of threaded shanks 35, a cross bar 36 inside of the handle-bar and clamping nuts 37.

The apparatus herein illustrated and described is capable of considerable modification without departing from the principle of my invention.

What I claim is:

1. As a new article of manufacture a guard for wheelbarrow handles extending from the handle bar at one end in a loop to the handle-bar at the guard's opposite end and provided at one end with a clamping member to be clamped upon the exterior of the handle bar.

2. A detachable guard for wheelbarrow handles extending from the handle bar at one end in a loop to the handle bar at said guard's opposite end, and attached at one end to the end of said handle bar and at the opposite end of said guard by a clamping member embracing the exterior of the handle bar.

3. A detachable guard for wheelbarrow handles extending from the handle bar at one end in a loop to the handle-bar at the guard's opposite end and attached at each  
5 end to said handle-bar by means of a single clamping means at one end of said guard embracing the exterior of the handle bar. site end, said guard being provided at one end with a projection to enter an opening in the end of the handle-bar, and at the guard's opposite end with means to clamp upon the exterior of the handle-bar to hold said guard 15 and its projection in place relative to the handle bar.
4. A guard for wheelbarrow handles extending from the handle bar at one end in  
10 a loop to the handle-bar at the guard's oppo-

In testimony whereof I have affixed my signature.

GIDEON C. BATTEN.