J. P. WILSON.

LUG.

APPLICATION FILED SEPT. 16, 1915.

1,278,543.

Patented Sept. 10, 1918.

Fig. 1.

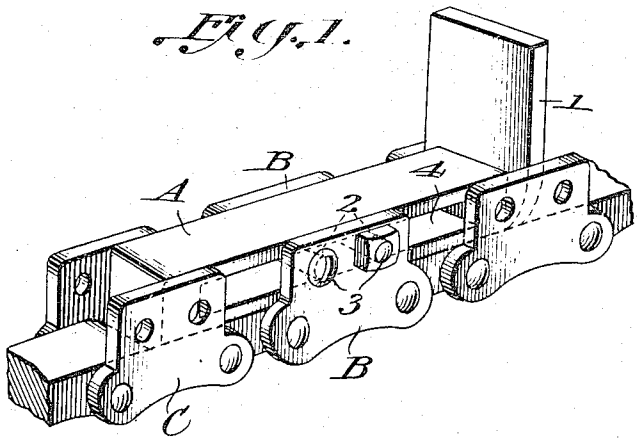


Fig. 3.

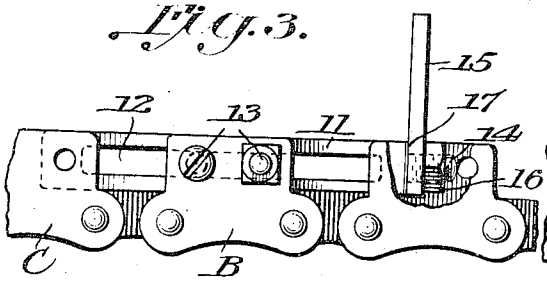


Fig. 2.

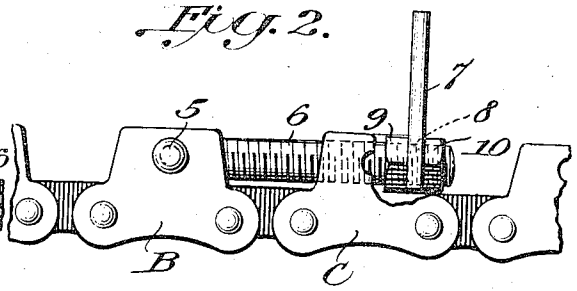
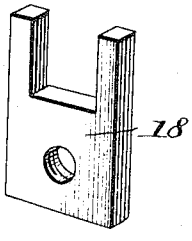


Fig. 4.



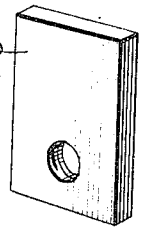


Fig. 5

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UNITED STATES PATENT OFFICE.

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LUG.

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To all whom it may concern:

Be it known that I, J PEARL WILSON, a citizen of the United States, residing at Jacksonville, in the county of Duval and State of Florida, have invented certain new and useful Improvements in Lugs, of which the following is a specification.

My invention relates to an improvement in lugs, which are used in the handling of slats of crates, or the sides, bottoms and tops of boxes, and it consists of a special form of chain-link in combination with a lug of various constructions, the desideratum being to provide for adjustment to get any dimension required with absolute accuracy, and in a very short time.

In the accompanying drawing:—

Figure 1 is a view of one form of lug in which the adjusting bar and lug are integral;

Figs. 2 and 3 are modifications; and

Figs. 4 and 5 are views of an open and closed lug respectively.

In Fig. 1, A represents a bar having an elongated longitudinal slot 4 of suitable length, at least an inch, and on one end an integral lug 1 is formed.

C is the chain, the two side-plates B, B, of which are extended and provided with holes 2, 2, to receive bolts 3, 3, which pass therethrough and through the slot 4.

By loosening the nuts on these bolts, and sliding the bar to the right or to the left, it is capable of adjustment to the required dimensions of the stock being used in forming the crate or box. In Fig. 2, instead of using two bolts, a single rivet or pin 5 is employed to secure the threaded bolt 6 thereto, and the lug 7 in this form of construction has a hole 8 therethrough to receive the bolt 6, and lock-nuts 9 and 10 on either side thereof are employed for adjusting and securing the lugs 7 at the required position on the bolt 6.

In the form shown in Fig. 3, the bar 11 has a slot 12, and the bolts 13, 13, in the side plates are employed for adjusting the bar, as in Fig. 1. The outer end of the bar has a screw-thread 14 and receives the lug 15 thereon, and a nut 16 screwed on the threaded end holds the lug against the shoulder 17 of the bar and securely in place.

While various forms of lugs might be employed, two only are shown, namely as shown at 18 in Fig. 4, and 19 in Fig. 5, the former being known as an open lug, and the other as a closed lug.

Also other slight changes might be resorted to in the form and arrangement of the several parts described without departure from the spirit and scope of my invention, and hence I do not wish to be limited to the exact constructions herein set forth. For instance, this same device is applicable to the construction of wire-bound barrel webs, in which the staves are fed for the manufacture of the barrel just as the slats would be in the manufacture of a crate.

I claim:

1. The combination with a chain, certain links of which are extended and have holes therein to receive at least one bolt, a bar received directly over the links and connected with the plates by means of the bolt, and a lug carried by the bar adjustable toward and away from the bolt.

2. The combination with a chain, the side links of which are adapted to extend above the surface of the inside links, said side links being provided with holes to receive bolts, a bar received between the extended links directly above the inside links and adjustably held therein by the bolts, and a lug carried at one end of the bar adjustable toward and away from the bolts.

3. The combination with a chain, the side links of which are adapted to extend above the surface of the inside links, said side links being provided with holes to receive bolts, a bar received directly over the inside links having an elongated slot received between the extended links and adjustably held therein by the bolts passing through the elongated slot, and a lug carried by said bar.

4. A carrier chain consisting of side links and inside links, the side links adapted to extend above the surface of the inside links, said side links being provided with holes

to receive bolts, a bar having an elongated slot therein received between the extended links and directly above the surface of the inside links, the length of said bar and slot being equal to the distance between the holes between any two sets of extended side links whereby the bar can be adjusted with relation thereto, and a lug carried at one end of the bar adjustable toward and away from the bolts.

In testimony whereof I affix my signature.

J PEARL WILSON.