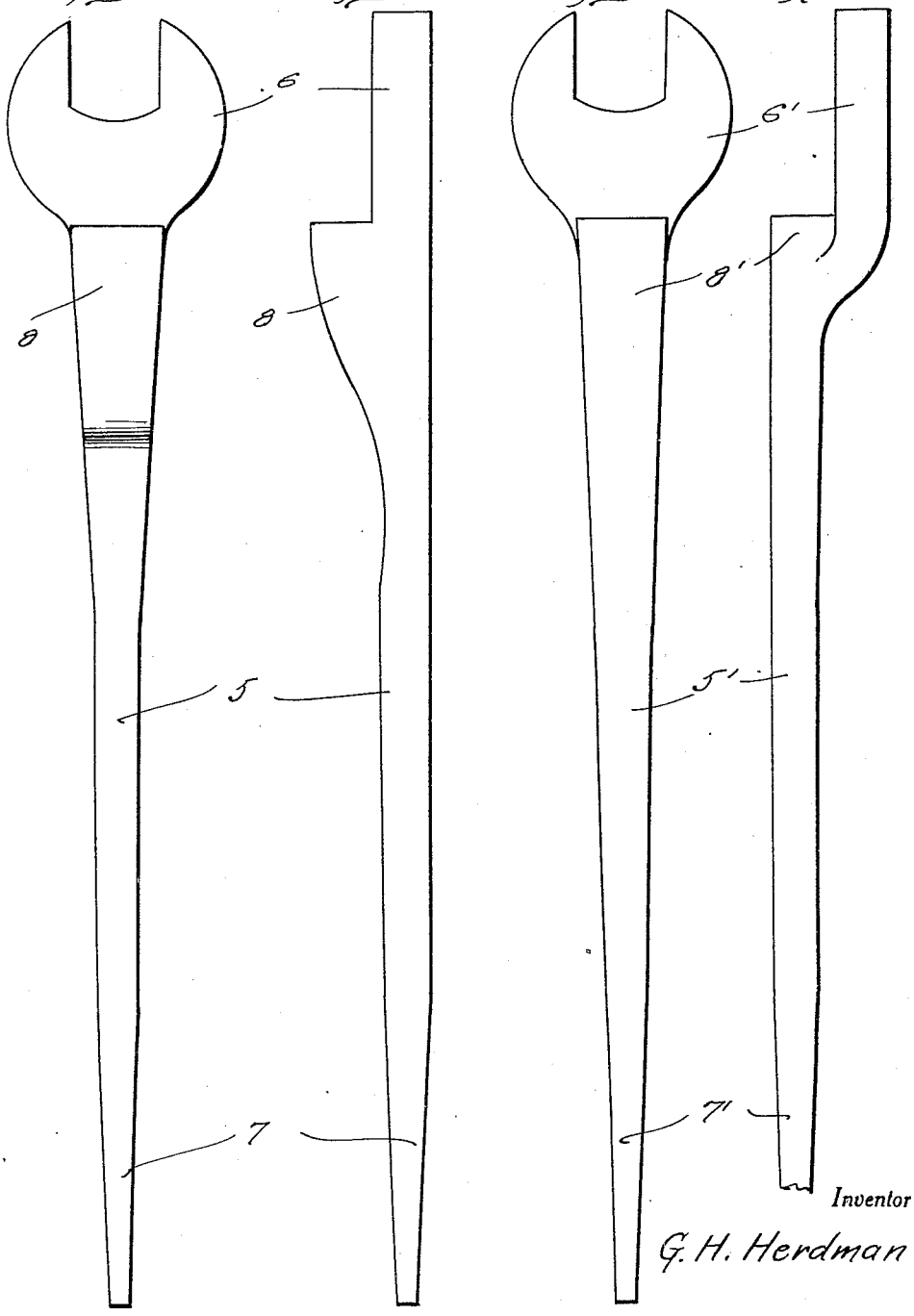
Oct. 20, 1931. G. H. HERDMAN 1,828,142

COMBINATION DRIFT PIN AND WRENCH

Filed June 26, 1930

Fig. 1. Fig. 2. Fig. 3. Fig. 4.



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Patented Oct. 20, 1931 1,828,142

UNITED STATES PATENT OFFICE

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COMBINATION DRIFT PIN AND WRENCH

Application filed June 26, 1930. Serial No. 464,022.

This invention relates broadly to wrenches, and the primary object of the invention is to provide a wrench for use as a combined wrench and drift pin for use in steel work.

A still further object of the invention is to provide a combined wrench and drift pin provided with suitable means to facilitate the striking of the wrench when the latter is used as a drift pin so as to minimize the possibility of disfiguring the wrench head in the course of such work.

Other objects and advantages of the invention will become apparent during a study of the following description in connection with the accompanying drawings, wherein:

Figure 1 is a front elevational view of a wrench embodying the features of my invention,

Figure 2 is a side edge elevational view thereof,

Figure 3 is a front elevational view of another form of wrench embodying the features of my invention,

Figure 4 is a side elevational view thereof.

Referring to the drawings in detail and particularly to Figures 1 and 2, it will be seen that my improved invention comprises a shank 5 suitably formed at one end to provide a conventional type of wrench head 6. At its opposite the shank 5 tapers to somewhat of a point to provide at said end of the shank a drift pin 7 for use in centering holes in steel work that is in boring and preparing steel for structural work in the same manner as a drift pin especially designed for the work is used.

The shank 5 adjacent its upper end in advance of the wrench head 6 is enlarged and the front face of the shank at the junction of the shank and head 6 is offset to provide an impact lug 8. In this connection when the shank is being used as a drift pin, the hammer or like tool used for driving the pin end 7 will strike the upper flat face of the lug 8, thus obviating any necessity of striking the head 6 of the wrench which under continual use would result in disfiguring of the head 6 and rendering the same useless as a wrench.

In that type of wrench shown in Figures 3 and 4, it will be seen that the shank 5′ thereof tapered longitudinally from its upper to its lower end. The lower smallest or pointed end 7′ constitutes the grip end of the wrench while the upper end of the shank 5′ constitutes the impact lug 8′. At said upper end, the shank 5′ is offset and the offset portion is enlarged and suitably notched and shaped to provide a wrench head 6′ similar to the wrench head 6. Of course, the use of this type of tool as a wrench and drift pin is the same with regard to that set forth concerning the wrench shown in Figures 1 and 2.

From the foregoing then it will be seen that I have devised a tool convenient for use both as a wrench and a drift pin. Usually, in structural steel work, the drift pin which is used for centering holes in steel work in order to drive a bolt or rivet therethrough, is usually a separate tool and consequently may be easily dropped or lost on account of its size and character. In combining the drift pin with the wrench, as comprehended by the present invention, the result is a more handy tool and one not readily dropped or lost. Also, by providing the wrench with an impact lug, the force or blows can be applied to the lug instead of to the wrench head thus minimizing the danger of injuring the wrench head proper.

Even though I have herein shown and described the preferred embodiment of my invention, it is to be understood that the same is susceptible to changes fully comprehended by the spirit of the invention and the scope of the appended claims.

Having thus described my invention, what I claim as new is:

1. A tool of the character described comprising a shank longitudinally tapered, and at its larger end having integral therewith a head

continuing longitudinally with respect to the shank, and said shank at the junction of the head and shank being thickened laterally to provide an impact lug constituting a driving head for the shank.

2. A tool of the character described comprising in combination a shank provided adjacent one end thereof with an enlarged work-engaging head, and at the junction of said shank and head with an integral impact lug disposed laterally with respect to the head.

In testimony whereof I affix my signature.

GEORGE H. HERDMAN.