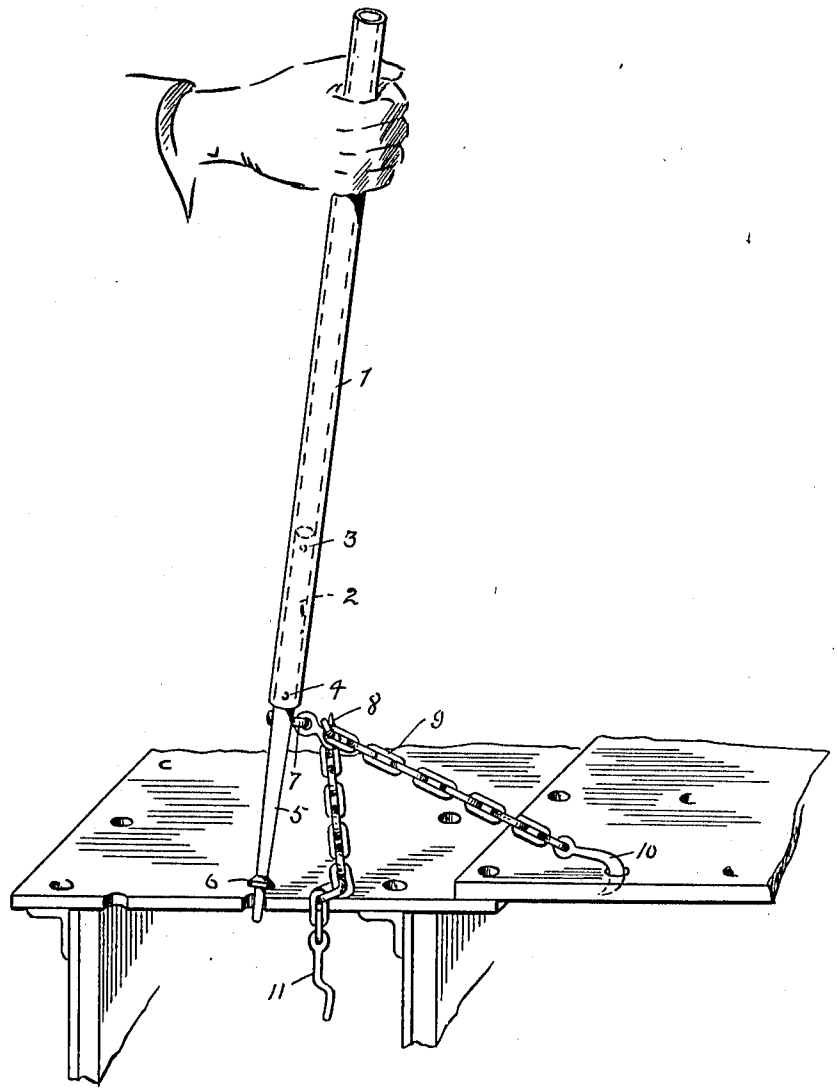
T. SKANTZ.

ERECTOR'S COME-ALONG.

APPLICATION FILED MAY 29, 1919.

1,317,145. Patented Sept. 23, 1919.



Inventor

Thor Skantz.

By Geo. Stevens.

Attorney

THE COLUMBIA PLANOGRAPH CO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

THOR SKANTZ, OF DULUTH, MINNESOTA.

ERECTOR'S COME-ALONG.

1,317,145. Specification of Letters Patent. Patented Sept. 23, 1919.

Application filed May 29, 1919. Serial No. 300,622.

To all whom it may concern:

Be it known that I, THOR SKANTZ, a citizen of the United States, residing at Duluth, in the county of St. Louis and State of Minnesota, have invented certain new and useful Improvements in Erectors' Come-Alongs, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to certain improvements in a hand operated draw-bar and which is commonly spoken of as an erector's come-along, the same being particularly adapted for use in fabricated metal construction, such, for example, as ship-building or the like, where it frequently becomes desirable to pull plates, shapes and angles into alinement for proper registration of holes therein prior to bolting or riveting.

The principal object is to provide such a tool of simple construction, efficient and convenient of manipulation.

Other objects and advantages will appear in the further description of the invention.

Referring to the accompanying drawing, forming part of this application, and in which like reference characters indicate like parts, a perspective view of one of the improved tools in operation is illustrated.

1 represents a tubular handle composed preferably of gas pipe of suitable size, having inserted in one end thereof a solid metal extension, the straight body portion 2 of which snugly fits within one end of the gas pipe 1 to some considerable extent and is there fastened in any desired manner, as, for example, by suitable rivets indicated at 3 and 4.

The lower end 5 of the extension is gradually reduced in size, or tapered, toward its extreme outer end and has tightly fitted thereupon, some little distance from the extreme end, a circular metal stop 6, which is designed to prevent the point of the extension being inserted too far within a hole being engaged.

Adjacent the lower end of the handle 1 and firmly fixed in the extension is an eye-bolt 7 carrying a grab-hook 8 into which is engaged a short chain 9, having at each end thereof a suitable hook 10, or other plate-engaging device, as illustrated at 11.

By this arrangement of grab-hook and chain, it is evident that the length of the latter may be quickly adjusted in changing the links in the grab-hook and, if necessary, as in some special instance, both ends of the chain may be employed simultaneously.

In actual operation this instrument has proven exceptionally convenient and handy of operation and, while I have shown a handle and extension of two parts, it is apparent that the equivalent may be produced by some other form of construction and still be within the scope of the invention.

Having thus described my invention, what I claim as new and desire to secure by Letters Patent, is:

1. An instrument of the character described comprising a tubular handle, a solid tapering point extending within the handle and securely fastened therein with the tapered portion extending therefrom, a grab-hook securely attached to the point adjacent the end of the handle and a short piece of chain coöperatively engaged with the hook and having object-engaging means at both ends thereof.

2. The combination with a draw-bar of the character described, of a hook securely fastened near one end thereof and a short piece of chain coöperatively and adjustably attached to the hook and having object-engaging means at both ends thereof for the purpose described.

3. An instrument of the character described, comprising, in combination, a tubular handle, a solid tapered point extending within one end of the handle and securely fixed thereto, with the tapered point extending outwardly, means adjustably carried by the point adjacent the lower end of the handle for attachment to one object having holes therein, and a circular stop about the point and spaced inwardly from the extreme end thereof, to prevent the latter from extending too far within a hole to which it is applied.

In testimony whereof I have hereunto affixed my signature in the presence of two witnesses.

THOR SKANTZ.

Witnesses:
A. M. QUELLETTE,
S. GEO. STEVENS.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."