

No. 809,697.

PATENTED JAN. 9, 1906.

H. F. KEIL.
TRACK OR WAY.
APPLICATION FILED JULY 10, 1904.

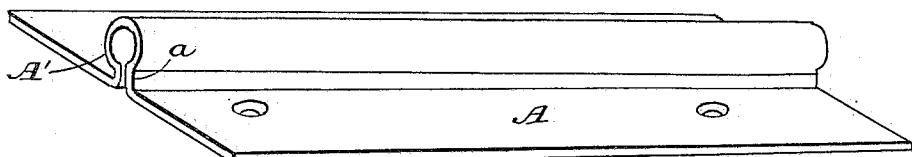


Fig. 1.

Fig. 2.

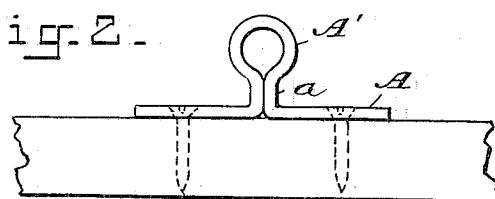


Fig. 3.

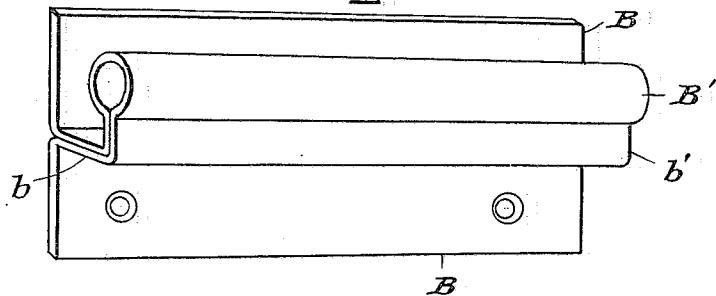
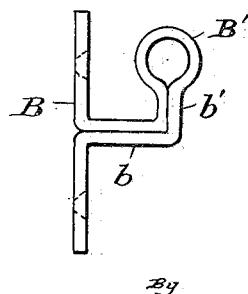


Fig. 4.



Witnesses:

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UNITED STATES PATENT OFFICE.

HENRY FRANCIS KEIL, OF BRONXVILLE, NEW YORK.

TRACK OR WAY.

No. 809,697.

Specification of Letters Patent.

Patented Jan. 9, 1906.

Application filed July 19, 1904. Serial No. 217,194.

To all whom it may concern:

Be it known that I, HENRY FRANCIS KEIL, a citizen of the United States of America, and a resident of Bronxville, in the county of Westchester and State of New York, have invented a certain new and useful Track or Way, of which the following is a specification, the same being a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to lines of rails or tracks or ways constructed and arranged to serve as a bearing and guide for wheels, sheaves, &c., on which the latter may be run, and in particular to a track having an O-shape hollow head; and it has for its object the production of a structure formed of sheet metal stamped out and formed up into the proper shape in order to provide a light as well as strong and durable, although inexpensive, track.

With this object in view the invention consists in certain novel features of construction and combination and arrangement of parts, all of which will be hereinafter described, and specifically pointed out in the drawings which accompany and form a part of this specification, in which—

Figure 1 is a view in perspective of a form of track constructed according to my invention. Fig. 2 is an end view of the same, and Figs. 3 and 4 are respectively perspective and end views of another track in which my invention is embodied.

Like letters of reference indicate like parts in all the views.

Referring particularly to the drawings, A denotes a plate constructed, preferably, of wrought metal and first blanked out or otherwise made of suitable shape and thickness and then formed up so as to have an O-shape hollow head A' and an undercut neck or web a. The track just described is adapted for use on a horizontal support, as a floor, and by making the neck or web longer and forming a right angle in the same the track may be constructed and arranged to be used on a vertical support, as a wall. In Figs. 3 and 4, for example, the plate B is made with a long neck or web b', surmounted with an integral O-shape hollow head B'. The neck or web b may obviously be bent at any angle or series of angles to the base in order that the head may be constructed and arranged to properly

support and guide the wheel, &c., traveling thereon no matter whether the support to which the track is attached lies in a vertical plane or at an angle thereto.

My track, consisting of the base, neck, and hollow head, is formed of sheet metal, is light in weight, as well as being very strong and durable, and may be made at comparatively little expense. The neck or web consists of the sides of the hollow head being drawn together and then extended out at an angle to form the base for the said track.

As it is evident that many changes in the construction, form, proportion, and relative arrangement of parts might be resorted to without departing from the spirit and scope of my invention, I would have it understood that I do not restrict myself to the particular construction and arrangement of parts shown and described, but that such changes and equivalents may be substituted therefor and that

What I claim as my invention is—

1. As a new article of manufacture, a track or way constructed from one piece of sheet metal and comprising in its construction securing-plates, a tubular head, and an intermediate bipartite neck or web located in a different plane from that of the securing-plates, whereby unobstructed undercut paths or passages are formed below the head, both the sides and top of which are constructed and arranged to form bearings for a wheel.

2. As a new article of manufacture a track or way constructed from one piece of sheet metal and comprising in its construction securing-plates, a tubular head, and an angularly-disposed intermediate bipartite neck or web connecting said tube and securing-plate, whereby the latter is disposed at a distance from said securing-plates and in a plane parallel thereto, whereby unobstructed undercut paths or passages are formed below the head, both the sides and top of which are constructed and arranged to form bearings for a wheel.

In testimony of the foregoing specification I do hereby sign the same, in the city of New York, county and State of New York, this 26th day of June, 1904.

HENRY FRANCIS KEIL.

Witnesses:

DIEDRICH STEGEN,
CHAS. H. J. DILG.