(No Model.)

R. RAUSCH.

BICYCLE BRAKE.

No. 603,706. Patented May 10, 1898.

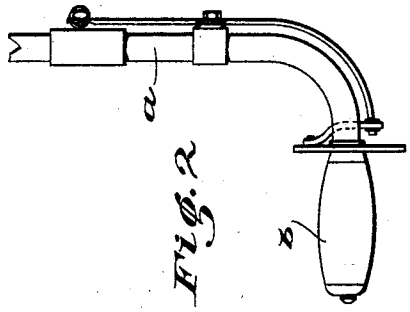


Fig. 2.

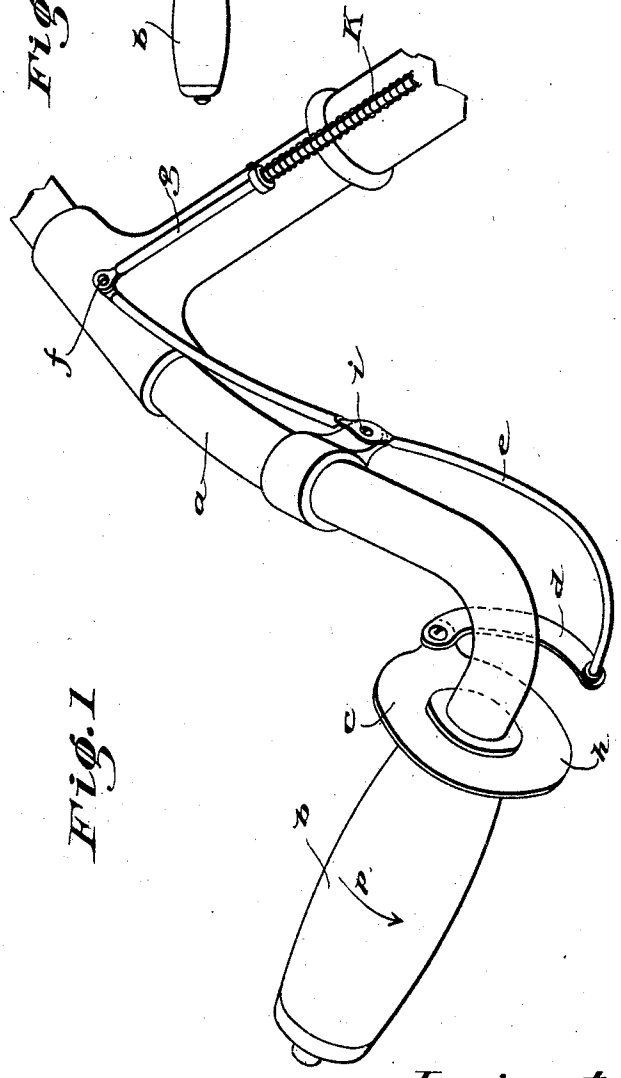


Fig. 1.

Witnesses:-

P. Krupa

George L. Cook

Inventor:
Rudolph Rausch

By his Atty.

A. J. O. Riddell

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

RUDOLF RAUSCH, OF VIENNA, AUSTRIA-HUNGARY, ASSIGNOR OF TWO-THIRDS TO FRITZ KOHN AND LUDWIG BLAUHORN, OF SAME PLACE.

BICYCLE-BRAKE.

SPECIFICATION forming part of Letters Patent No. 603,706, dated May 10, 1898.

Application filed June 26, 1897. Serial No. 642,433. (No model.)

To all whom it may concern:

Be it known that I, RUDOLF RAUSCH, sculptor, a subject of the Emperor of Austria-Hungary, residing at Vienna, Austria-Hungary, have invented a new and useful Brake for Cycles, of which the following is a specification.

This invention relates to a bicycle-brake, and pertains more especially to the means for operating the brake.

The invention has for its object to provide a brake-operating mechanism which is at all times under the control of the rider and which shall be easy of operation, requiring but a slight degree of movement to effect the operation of setting the brake.

The invention therefore consists in the parts and combinations of parts, as hereinafter shown in the drawings, described in the specification, and more especially pointed out in the claims.

In the drawings, Figure 1 is a perspective view of a portion of a bicycle handle-bar with my improved brake-operating mechanism secured thereon. Fig. 2 is a plan view of the same.

a designates the handle-bar, which is secured in the handle-bar ratchet in the steering-head of a bicycle in the usual or any preferred manner, and has secured thereon a rotatable handle *b*. Carried by the handle *b* is a projection *c*, which is pivotally connected with the brake *e* by means of the interposed link *d*. Lever *e* is pivotally secured to the brake-rod *g* at *f* and to the handle-bar at *i* in the usual manner.

In operation when the brake is disconnected from the bicycle-wheel the parts of the operating mechanism assume the position shown in Fig. 1, due to the action of the spring K. When, however, it is desired to set the brake, the rider revolves the handle *b* in the direction of the arrow *p*, Fig. 1, with the result that the outer end of brake-lever *e* is pulled up and the inner end forced down, which carries with it the brake-rod *g*, and consequently the brake-shoe, setting the brake.

In order that the hand of the rider will not contact with the link *d*, projection *c* is preferably formed upon an enlarged disk *h*, which serves as a guard for the hand.

What I claim as my invention is—

1. In a bicycle-brake, a handle-bar having a handle revolubly secured thereon, a brake-lever pivotally secured to the handle-bar, a link connecting the revoluble handle and the brake-lever, and connections between the brake-lever and brake-shoe, substantially as described.

2. In a bicycle-brake, a handle-bar, a handle revolubly secured thereon, a disk arranged upon the inner end of the handle having a projection extending therefrom upon one side, a brake-lever pivotally secured to the handle-bar, a link connecting one end of the brake-lever and the projection upon the disk, and connections between the opposite end of the brake-lever and the brake-shoe, substantially as described.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

RUDOLF RAUSCH.

Witnesses:
J. Y. MAMBINZLY,
HARRY BELMONT.