(No Model.)

W. J. SMART.

BICYCLE SUPPORT.

No. 562,669. Patented June 23, 1896.

Fig: 1.

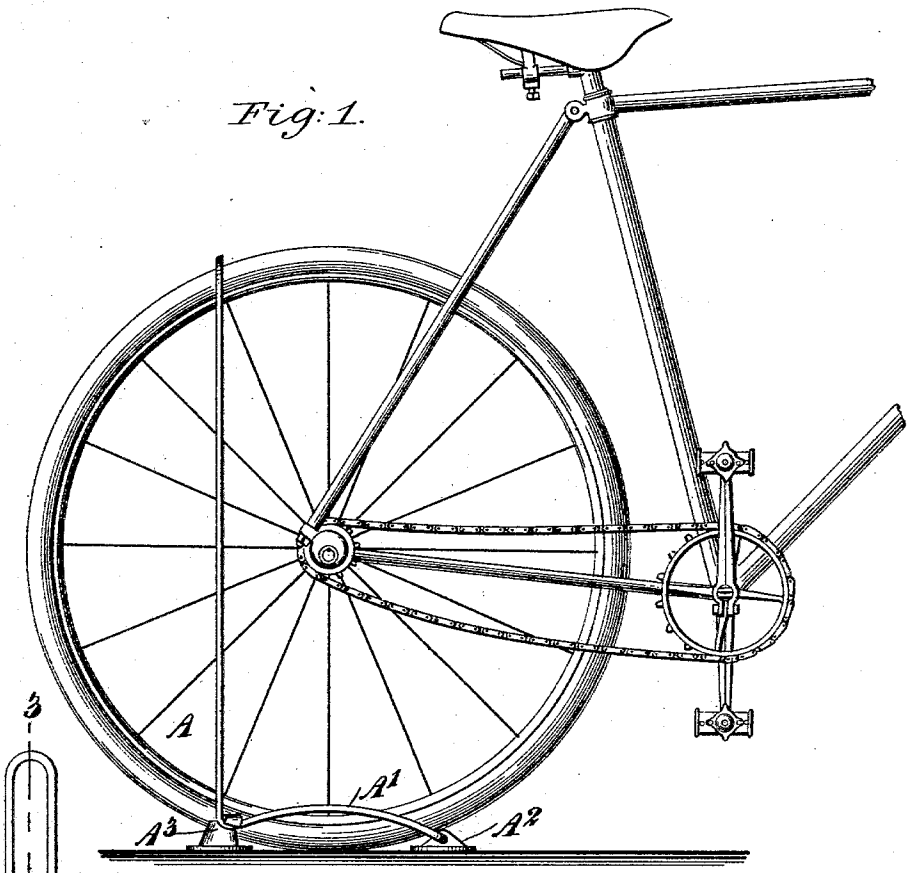


Fig: 2.

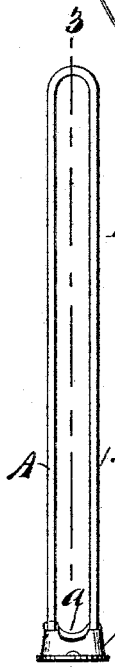


Fig: 3.

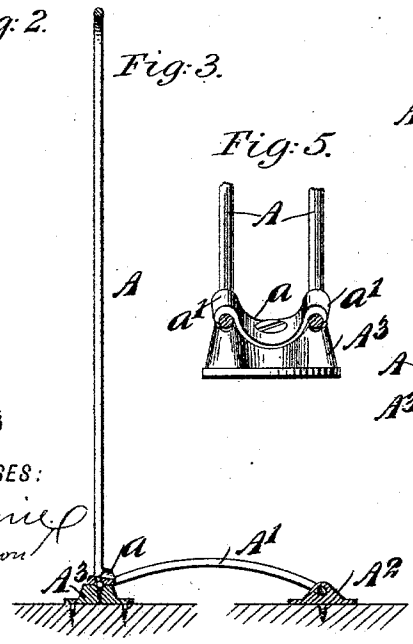


Fig: 4.

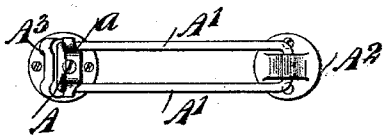
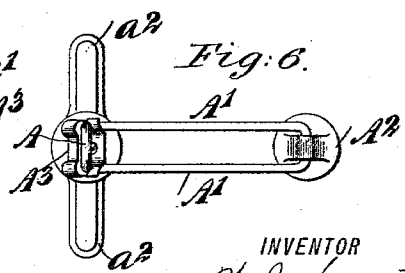


Fig: 5.

Fig: 6.



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UNITED STATES PATENT OFFICE.

WALTER J. SMART, OF SOUTH ORANGE, NEW JERSEY.

BICYCLE-SUPPORT.

SPECIFICATION forming part of Letters Patent No. 562,669, dated June 23, 1896.

Application filed January 17, 1896. Serial No. 575,876. (No model.)

To all whom it may concern:

Be it known that I, WALTER J. SMART, of South Orange, in the county of Essex and State of New Jersey, have invented new and useful Improvements in Bicycle-Supports, of which the following is a full, clear, and exact description.

This invention relates to racks or supports for bicycles, and the object is to provide a simple device adapted to engage and support a bicycle without attaching the device to the wheel or frame by means of clamps or similar devices, which not only mar the machine, but require a considerable time to adjust.

I will describe a support embodying my invention, and then point out the novel features in the appended claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the views.

Figure 1 is a side elevation of a support embodying my invention and showing the same as supporting a wheel. Fig. 2 is a rear elevation of the support. Fig. 3 is a section through the line 3 3 of Fig. 2. Fig. 4 is a top plan view. Fig. 5 is a view on an enlarged scale showing a clip employed, and Fig. 6 is a plan view of a modification.

The support or rack comprises a single strip of wire rod or tubing bent to form vertical members A and horizontally-disposed members A′, which are here shown as arched or bowed upward. The ends of the members A′ are turned inward and engaged in sockets formed in a front base-block A^2, adapted to rest upon or to be secured to a floor. This front block A^2 has its upper surface inclined from its center downward both forward and rearward, so that a wheel may be rolled up the front incline and then down the rear incline between the members A′. When in this position, the rear portion of the wheel will project between the vertical members A, and the upper end of these vertical sections will engage the periphery of the wheel just below the plane of its highest portion.

A^3 is the rear base-block secured to the rack at the junction of the members A A′. As here shown, it is secured by means of a clip-plate *a*, having hook-shaped ends *a′*, designed to engage over the rack members. This clip *a* is curved downward between its ends, and it is also inclined downward and forward, and it is removably attached to the block A^3 by means of a screw or screws.

The device may be rigidly secured to a floor by means of screws passing through holes in the flanges of the base-blocks, but as a means to make the device self-supporting and portable, I may provide one or both of its base-blocks with radially-extended feet a^2, as indicated in Fig. 6.

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

1. A bicycle-support, comprising a single strip of metal bent to form vertical members and horizontally-disposed members arched upward between their ends to engage a wheel, a base-block secured at the junction of the vertical and horizontal members and a front base-block secured to the ends of the horizontal members, the said front block having its upper surface inclined downward in both directions from a line between its front and rear edges, substantially as specified.

2. A bicycle-support, comprising a single strip of metal bent to form vertical and horizontally-disposed arched members, a base-block having sockets to engage the ends of the horizontally-disposed members, a base-block at the junction of the vertical and horizontal members, and a clip for securing the block to the members, the said clip being curved downward between its ends and inclined downward and forward, substantially as specified.

WALTER J. SMART.

Witnesses:
N. KEMPF,
ED. BEESLEY.