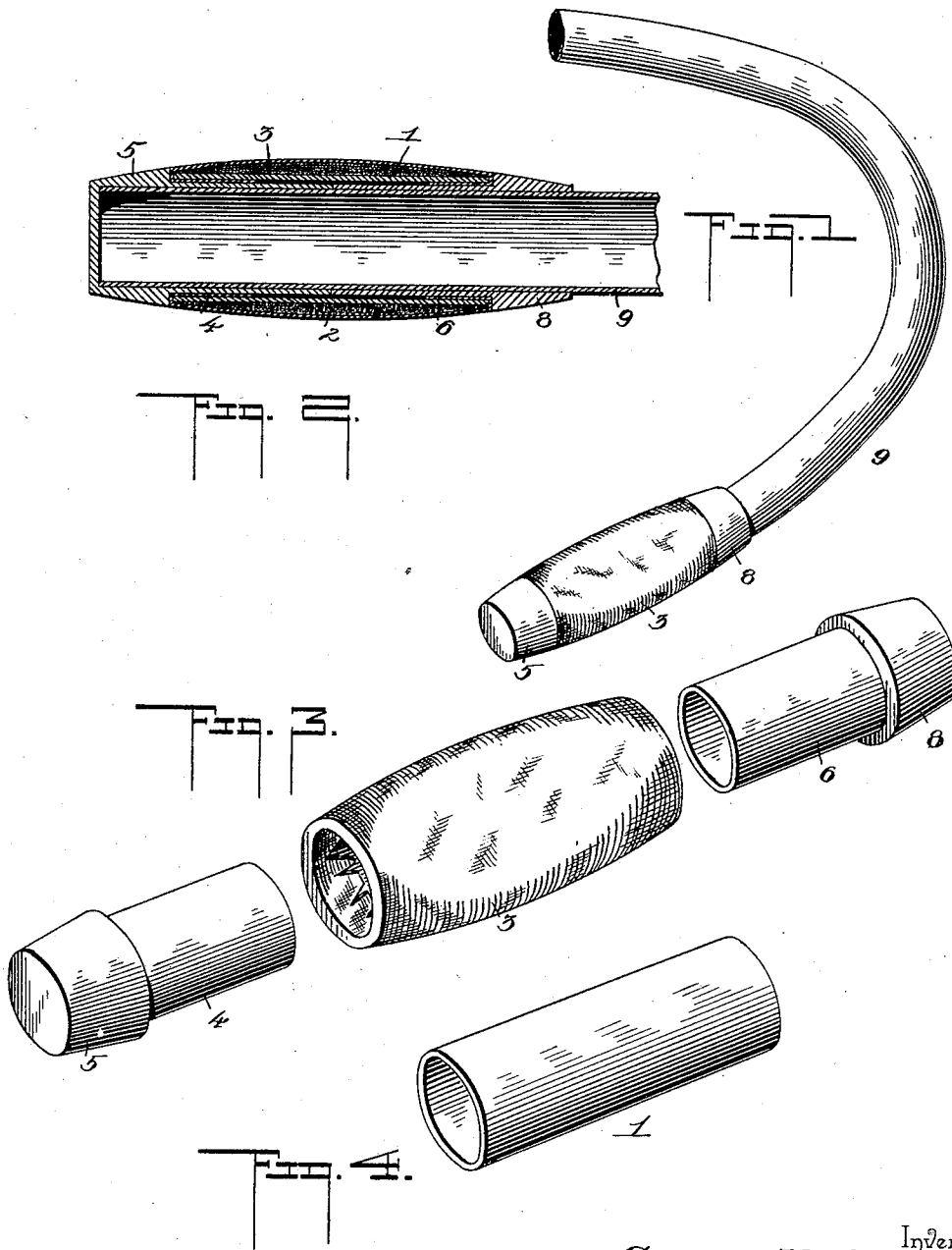


(No Model.)

G. W. RUGG.  
BICYCLE HANDLE.

No. 579,774.

Patented Mar. 30, 1897.



Witnesses

T. L. Meekaber.

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# UNITED STATES PATENT OFFICE.

GEORGE W. RUGG, OF NEWARK, OHIO.

## BICYCLE-HANDLE.

SPECIFICATION forming part of Letters Patent No. 579,774, dated March 30, 1897.

Application filed July 14, 1896. Serial No. 599,118. (No model.)

*To all whom it may concern:*

Be it known that I, GEORGE W. RUGG, a citizen of the United States, residing at Newark, in the county of Licking and State of Ohio, have invented a new and useful Bicycle-Handle, of which the following is a specification.

This invention relates to the handles or grips of bicycles and similar vehicles; and the object in view is to provide a soft, agreeable, and yielding hand-grip which is practically unbreakable and which will admit of the outer layer or covering being removed when worn or injured and replaced by a new covering.

To this end the invention consists in a handle or grip embodying certain novel features and details of construction, as hereinafter particularly set forth, shown in the drawings, and incorporated in the claims.

In the accompanying drawings, Figure 1 is a perspective view of the improved grip shown mounted on the end of a handle-bar. Fig. 2 is a longitudinal section through the same. Fig. 3 is a detail perspective view of the grip, showing the end ferrules removed. Fig. 4 is a detail view of the inner tube.

Similar numerals of reference designate corresponding parts in the several figures of the drawings.

The improved handle or grip constituting the subject-matter of this invention comprises an inner tube 1, which acts in the capacity of a former upon which the main body of the grip is constructed. This tube or former is open at both ends to receive the end ferrules hereinafter referred to. Upon and around this former is placed a suitable cushion or packing of some soft yielding material, such as cotton, wool, or other fibrous flexible material, (indicated at 2.) This cushion or packing is preferably made of the greatest thickness at the center of the grip and tapers gradually therefrom in each direction toward the opposite ends of the tube 1. This packing or cushion is incased in a suitable covering 3 of kid, buckskin, or other suitable soft material which will be agreeable to the hand, the ends of the covering being tucked into the opposite ends of the tube 1, as clearly shown in the drawings. After the covering 3 is in place a hollow or tubular plug 4 is in-

serted in the outer end of the tube 1, the outer end of said plug being closed by a conoidal head 5, forming the butt-end of the grip. A second tubular plug 6 is inserted in the inner end of the tube 1 and has at its inner end a conoidal enlargement 8, giving to the inner end of the grip an appearance corresponding with the outer end. The inner plug 6 is left open to receive the end of the handle-bar 9, which may be inserted in the grip and held or fastened in any convenient manner.

By means of the construction above described it will be seen that a soft, pliable, and agreeable handle or grip is obtained which will absorb the perspiration from the hands. By removing the end plugs or ferrules the outer covering 3 may be removed when worn or injured and replaced in a short space of time by a new covering. It will be apparent that any suitable material may be substituted for the cushion or packing described and that other changes in the form, proportion, and minor details of construction may be resorted to without departing from the spirit or sacrificing any of the advantages of this invention.

Having thus described the invention, what is claimed as new is—

1. A handle or grip, comprising an inner tubular former, a cushion or packing surrounding the same, an outer covering of flexible material surrounding and inclosing said cushion and having its ends tucked in the open ends of the former, and end plugs removably inserted in the ends of the former, substantially as described.

2. A handle or grip, comprising an inner tubular former, a cushion or packing surrounding the same, an outer covering extending around and inclosing said cushion and having its ends tucked into the open ends of the former, and the end plugs or ferrules inserted in the open ends of the former and provided with the conoidal heads, substantially as described.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

GEORGE W. RUGG.

Witnesses:

A. A. STASEL,  
C. W. MILLER.