

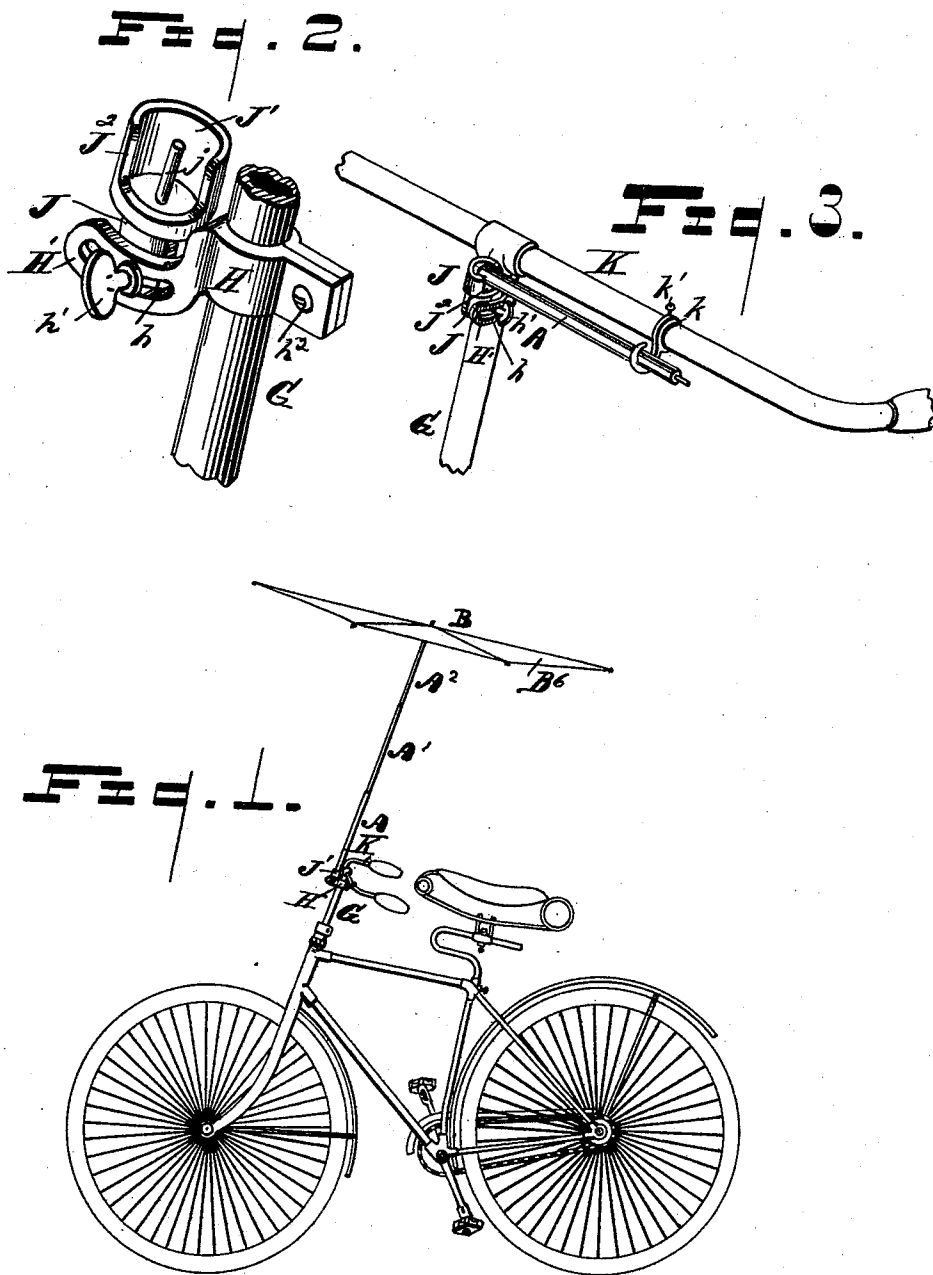
(No Model.)

2 Sheets—Sheet 1.

H. E. BASKERVILLE.
UMBRELLA ATTACHMENT FOR BICYCLES.

No. 498,224.

Patented May 30, 1893.



WITNESSES

J. G. Battelle
Wm. M. Mearns

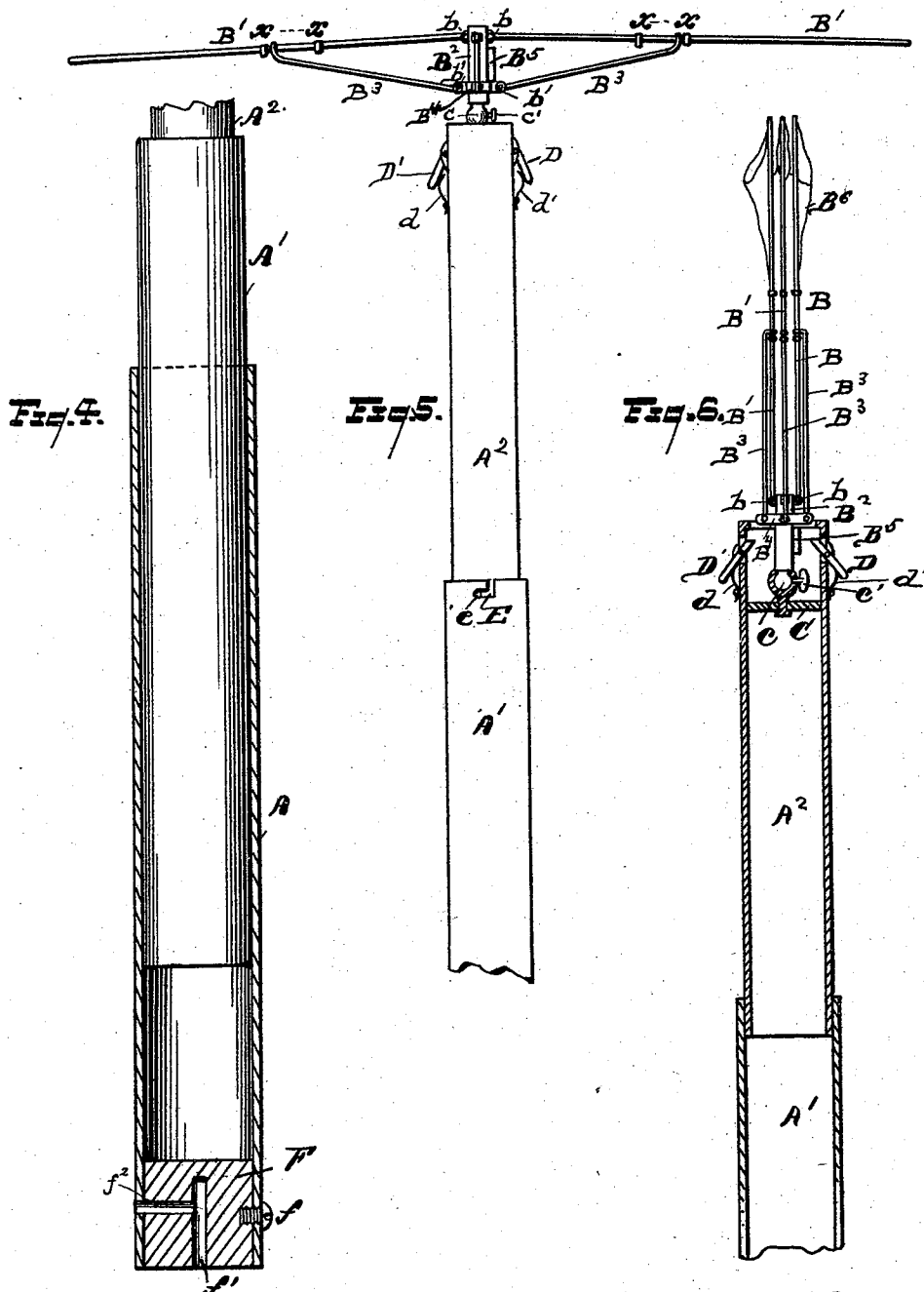
INVENTOR

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UNITED STATES PATENT OFFICE.

HERBERT E. BASKERVILLE, OF DETROIT, MICHIGAN.

UMBRELLA ATTACHMENT FOR BICYCLES.

SPECIFICATION forming part of Letters Patent No. 498,224, dated May 30, 1893.

Application filed June 16, 1892. Serial No. 436,903. (No model.)

To all whom it may concern:

Be it known that I, HERBERT E. BASKERVILLE, a citizen of the United States, residing at Detroit, county of Wayne, State of Michigan, have invented a certain new and useful Improvement in an Umbrella Attachment for Bicycles; and I declare the following to be 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, reference being had to the accompanying drawings, which form a part of this specification.

My invention has for its object a new and useful umbrella attachment for bicycles, tricycles and similar and analogous devices; and it consists of the construction, arrangement and combination of devices and appliances hereinafter specified and claimed and illustrated in the accompanying drawings, in which—

Figure 1 is a side elevation of a bicycle to which my invention is applied, showing the same erected. Fig. 2. is a detail view of the devices by which the umbrella is attached to the bicycle. Fig. 3 shows the umbrella folded and turned down out of a vertical position. Fig. 4 is a sectional view of the lower telescoping section, showing the other sections in elevation. Fig. 5 shows the umbrella expanded, and Fig. 6 shows it folded upward.

The purpose of my invention is to provide such an attachment which shall always be in place ready for use, and yet which may be readily adjusted out of the way when not in use.

It is also my purpose to make an attachment of this nature which shall be as light as possible, which shall take up the least possible space when not in use, and which shall be of simple and economical construction, and easily operated.

To these ends I carry out my invention as follows: The support or handle of my umbrella attachment I prefer to make of a desired number of sections one telescoping into another. I do not limit myself to any particular number of telescoping sections.

In the drawings the handle is shown formed of three such sections as represented at A, A', and A². The lower portion A I design to have a jointed engagement with a suitable portion

of the bicycle, and the upper portion or umbrella frame to have a sliding and folding engagement with the upper section of the handle, as the section A². Accordingly B represents the umbrella frame, consisting of a desired number of ribs B', jointly connected at their inner ends as at *b* with a head B², so that the ribs may close upward instead of downward in the usual manner.

B³ denote the stays or braces of the umbrella frame having a jointed connection, as at *b'* with a sleeve B⁴ which has sliding movement upon the head in opening and closing the umbrella frame.

B⁵ is a spring engaged with the head B² to hold the sleeve in place at either end of the head when the frame is open or closed. This spring is so arranged that it can be pressed inward to permit the sleeve or runner B² to pass, but as soon as it has passed it will assume its original position and engage with the upper or lower end of the runner, as the case may be and hold the umbrella in an expanded or collapsed condition. The braces preferably have a sliding engagement, at their outer ends, with the ribs so that they may be movable thereon a suitable distance, as from *x* to *x*, in opening and closing the frame. The umbrella frame is also designed to have a telescopic engagement and movement in the upper section of the handle, as in the section A². To this end the head B² of the frame may be connected with a sliding head C movably engaged in the section A² so that the umbrella frame and its covering B⁶ may be folded and closed down within, or partially within the section A²; when not in use, and which may be moved outward and expanded when desired for use. When so expanded the sliding head C may be held in place in any suitable manner.

In order that the umbrella may be set to any desired position or angle I also contemplate a jointed engagement of the head B² with the sliding head C, as by a ball and socket joint at *c*. A set screw C' will hold the joint in any given position, and permit the adjustment of the umbrella top in any desired position.

D, D' denote catches actuated by springs *d* *d'* to hold the umbrella frame in an extended condition. The inner ends of these

catches incline upwardly so that as the head passes upward the catches will be forced back out of the way, but as soon as the head is at the limit of its upward movement, the springs
 5 d and d' will force the lower ends of the catches out which will throw the upper ends in under the head and prevent its passing back into the section until the catches have been retracted from under the head by press-
 10 ing the lower ends in against the section.

The ends of the telescoping sections may be held in an expanded position in any suitable manner, as by a slot E and pin e .

While I do not limit myself to any specific
 15 manner of attaching the umbrella handle to a bicycle, I find it suitable and convenient to attach it by means of a clamp H upon the standard G . This may be by constructing the clamp of two parts united as at h^2 . The
 20 clamp is constructed with an arm H' slotted as at h .

J' is a socket to receive the lower end of the umbrella handle, the socket being provided with a stem J whereby it is engaged to
 25 the clamp, a setscrew h' permitting the socket to be adjusted in different positions so as to set the handle at a desired angle.

The socket J' is shown constructed with a post j at the base thereof and is cut away as
 30 shown at J^2 to allow the section A to be turned down out of an upright position and be laid alongside one of the handle bars K of the bicycle. A clamp k may support the outer end of the attachment when closed up and turned
 35 down out of use. In this manner the attachment abides with the bicycle and is constantly ready for use.

The base of the section A is constructed with a head F secured in place by a screw f ,
 40 and is constructed with sockets f' and f^2 to receive the post j the socket f' holding it in a vertical position and the socket f^2 holding it in a horizontal position. By lifting the head F out of engagement with the post j the
 45 folded umbrella may be placed in a recumbent position. This engagement of the section A' with the standard G is representative of any desired jointed connection at this point.

50 While I have described my invention as ap-

plicable to bicycles and analogous devices, it is evident that it is also adapted for a greater variety of uses, and the umbrella may also be used independently, and as such be very convenient for the use of tourists, &c.

I would have it understood that I contemplate as coming within the scope of my invention any and all uses to which my improved device is found adapted.

What I claim as my invention is—

1. The combination with an umbrella handle or support of an umbrella frame arranged to close up and to be inclosed in said handle, said frame having a jointed connection with said handle substantially as described.

2. In combination a tubular telescopic handle or support, and an umbrella frame constructed with a reciprocatory head, a sleeve having a movable engagement on said head, a spring to hold the sleeve in position, the upper ends of the spring engaging with the lower side of the head when the umbrella is collapsed and the lower end of the spring engaging with the upper surface of the head when the umbrella is expanded, ribs jointly engaged with the head, and braces jointly engaged with said sleeve substantially as described.

3. The combination with an umbrella handle or support, of an umbrella frame having a jointed engagement therewith, said frame being arranged to fold and close up within the handle, and means for securing the same to a bicycle, substantially as set forth.

4. The combination with a clamp adapted to be secured to the frame of a bicycle or the like, and having a recess the wall of which is cut away at one side, of a projection adapted to be secured to the handle bar of the frame and an umbrella support one end of which rests in the recess when the umbrella is in a vertical or a horizontal position and the other end rests upon the projection when in a horizontal position, substantially as set forth.

In testimony whereof I sign this specification in the presence of two witnesses.

HERBERT E. BASKERVILLE.

Witnesses:

R. D. ROBISON,
 N. S. WRIGHT.