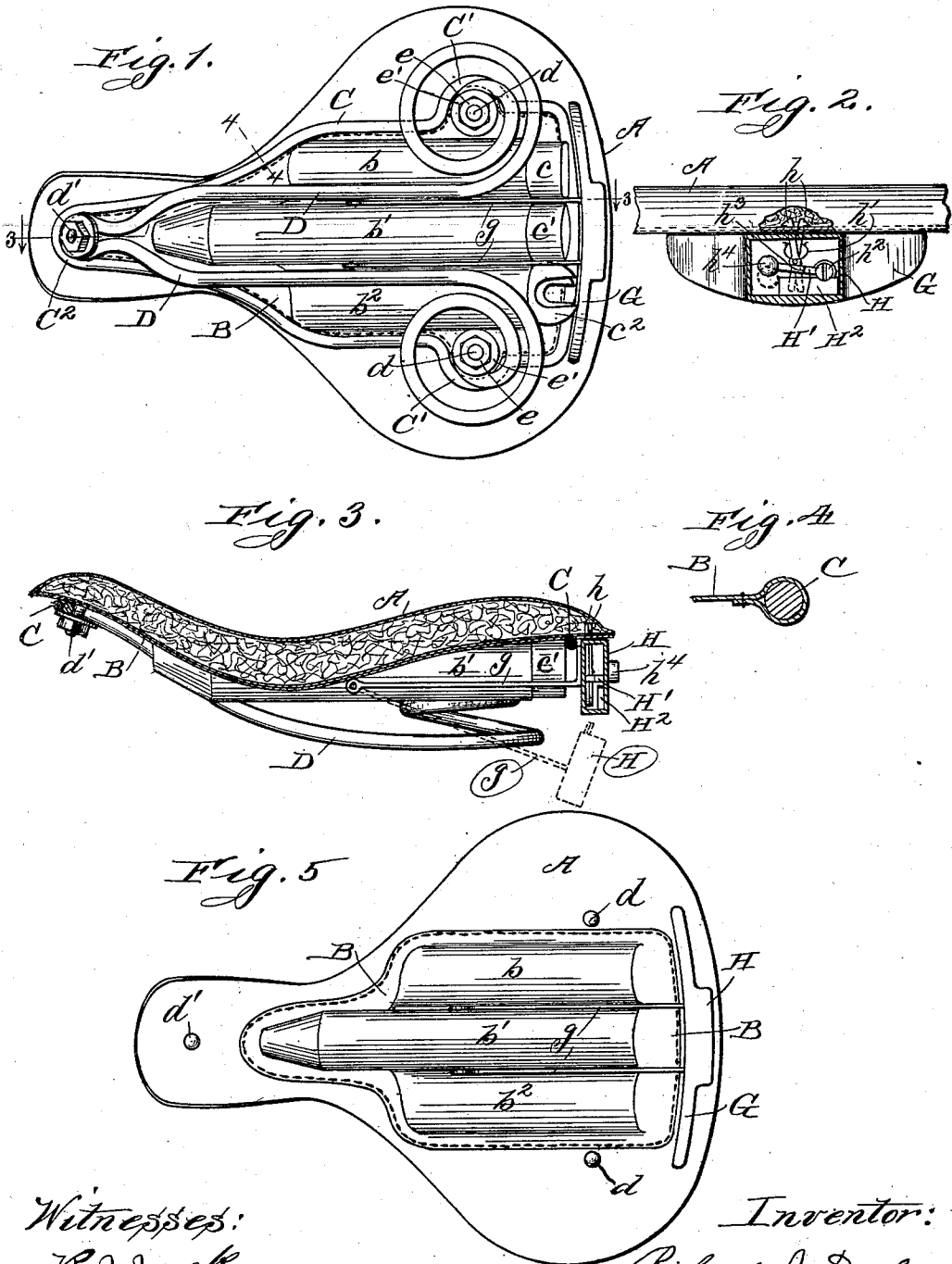


R. J. DOOLEY.

COMBINED BICYCLE SADDLE AND TOOL CARRIER.

(Application filed Oct. 19, 1899.)

(No Model.)



Witnesses:
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UNITED STATES PATENT OFFICE.

RICHARD J. DOOLEY, OF CHICAGO, ILLINOIS.

COMBINED BICYCLE-SADDLE AND TOOL-CARRIER.

SPECIFICATION forming part of Letters Patent No. 655,209, dated August 7, 1900.

Application filed October 19, 1899. Serial No. 734,054. (No model.)

To all whom it may concern:

Be it known that I, RICHARD J. DOOLEY, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in a Combined Bicycle-Saddle and Tool-Carrier, of which the following is a specification.

This invention relates to improvements in a combined bicycle-saddle and tool carrier or receptacle; and it consists, in certain peculiarities of the construction, novel arrangement, and combination of parts, as will be hereinafter more fully set forth and specifically claimed.

The objects of my invention are, first, to provide a combination saddle and tool-carrier which shall be simple and inexpensive in construction and strong, durable, and satisfactory in use or operation; second, to so combine and construct a saddle and carrier as to enable all of the necessary tools required for adjusting and repairing the different parts of the bicycle to be carried in a suitable receptacle beneath the saddle and in such a manner as to prevent them from rattling or becoming lost, and, third, to provide a combined saddle and tool-carrier which by reason of its peculiar construction the tools may be easily reached for use without in any manner disturbing the adjustment of the saddle and when not in use will be safely and securely held in position.

In order to enable others skilled in the art to which my invention pertains to make and use the same, I will now proceed to describe it, referring to the accompanying drawings, in which—

Figure 1 is a bottom plan view of a saddle and tool-carrier embodying my invention. Fig. 2 is a fragmental view in elevation of the rear portion of the saddle and the closure for the tool receptacle or carrier, illustrating a lock for securing the two together. Fig. 3 is a longitudinal sectional view, partly in elevation, taken on line 3 3 of Fig. 1 looking in the direction indicated by the arrows. Fig. 4 is an enlarged cross-sectional view of the carrier-frame, taken on line 4 4 of Fig. 1; and Fig. 5 is a bottom plan view illustrating a modification in the construction of my combined saddle and carrier.

Similar letters refer to like parts throughout the different views of the drawings.

A represents a bicycle-saddle of the ordinary or any preferred construction, to the lower surface of which may be secured in any desired manner a tool carrier or receptacle B, which in the present instance is shown as being provided with three compartments b , b' , and b'' , which extend longitudinally with the saddle and have their rear ends open for the reception of the tools—such as an oil-can c , pump c' , and wrench c'' , as well as screw-drivers, &c. The body of the carrier or receptacle B is preferably made of leather, with the pockets or compartments b , b' , and b'' secured thereto; but it may be made of any suitable material and have the compartments or pockets, which may be made of any desired number, made integral therewith.

Extending around the body of the carrier is a frame C, made of wire or other suitable material, and may be attached to the leather or other material forming the body of the carrier or receptacle by overlapping and stitching same, as is clearly shown in Fig. 4. The frame C is provided in its sides, near its rear portion, with curves or bends C' to fit around the bolts d , used for securing the saddle-spring D to the saddle, and the front portion of the frame C, which extends under the nose of the saddle, is bent to form a loop C'' , through which the bolt d' , holding the front part of the spring D, passes. When a saddle and a spring of the construction shown in Fig. 1 of the drawings are employed, the tool-carrier B will be held in place on the lower surface of the saddle by means of the nuts or washers e and e' , respectively, and the bolts d and d' ; but I do not desire to be limited to said means of attaching the carrier to the saddle, as I may secure it thereon in any desired manner.

Pivotaly secured at one of their ends to the central portion of the carrier are rods g , which extend to near the rear portion of the saddle and have secured to their rear ends a transverse piece G, which is employed as a closure or door for the rear ends of the compartments or pockets of the carrier. This piece carries a lock H, which I have shown as consisting of two bolts h , pivotaly connected at about their middle and normally

held apart by means of a spring h' , suitably secured thereto, and of a lever H' , fulcrumed on the key-cylinder h^2 , and having a shoulder h^3 to act on the lower portion of one of the bolts h to cause them to be pressed toward each other by bearing down on the knob h^4 of the lever H' , which knob may extend through the lock-casing. Located below the lever H' is a bolt H^2 , which may be thrust under the lever H' by means of a key inserted in the key-cylinder h^2 , thus preventing the bolts h being disengaged from the catch or hasp of the saddle with which they engage, as is shown in Fig. 2 of the drawings.

15 While the above-described lock is a convenient one and I may sometimes use a lock of such description, yet I do not desire to be limited thereto, as I may employ other means of securing the door or piece G to the saddle.

20 In Fig. 5 of the drawings I have illustrated a modification in the construction of my saddle, which consists in omitting the frame C from the tool carrier or receptacle and securing the same to the saddle by means of stitches, but, as above stated, I do not desire to limit myself to the means by which the carrier is attached to the saddle, as I may employ any suitable means without departing from the spirit of my invention.

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

1. A combined bicycle-saddle and tool-car-

rier, comprising the saddle having a catch or opening, a tool carrier or receptacle secured to the lower portion of the saddle, and a door pivotally secured below the saddle to close the carrier, and having means to engage the catch on the saddle, substantially as described. 35

2. The combination with the saddle having at its rear portion a catch or opening, of a tool carrier or receptacle secured to the lower portion of the saddle and having its rear end open, a door pivotally secured below the saddle to close the carrier, and a lock mounted on the door and having means to engage the catch on the saddle, substantially as described. 40

3. The combination with a frame having bends and a loop to receive the bolts of the saddle-spring, in order to secure it to the saddle, of a tool-carrier secured to said frame, and a door pivotally secured below the saddle to close the carrier, substantially as described. 45

4. The combination with a tool-carrier adapted and having means to secure it to the lower surface of a bicycle-saddle, and having one of its ends open, of a door pivotally secured below the saddle, to close said open end of the carrier, substantially as described. 50 60

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