

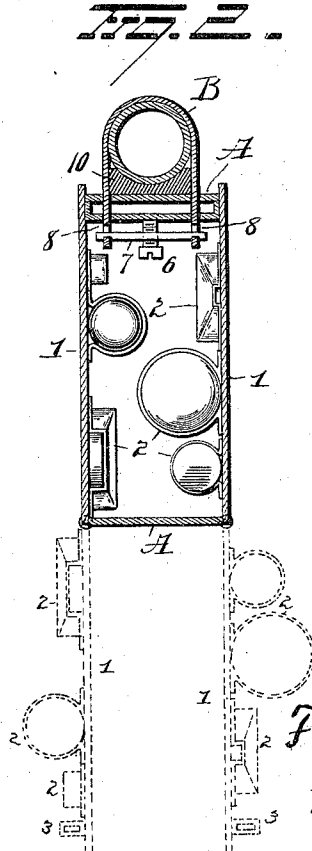
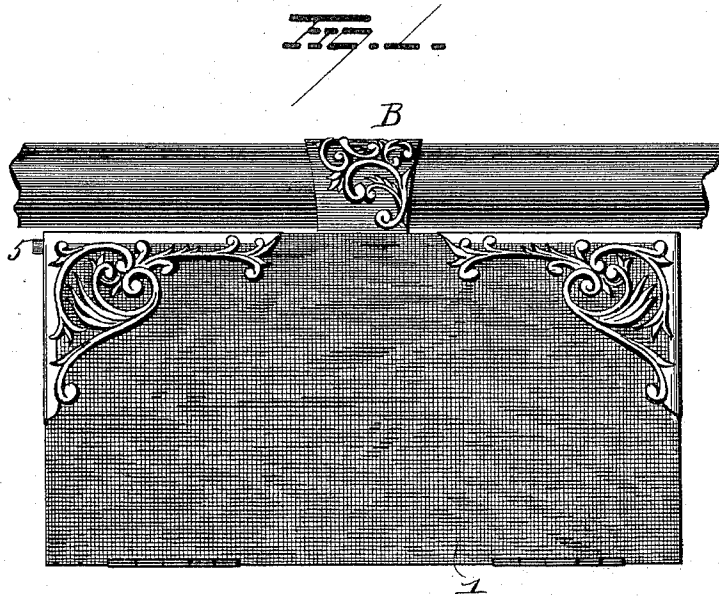
(No Model.)

2 Sheets—Sheet 1.

F. EIGENRAUG, Jr.
TOOL CASE FOR BICYCLES, &c.

No. 582,048

Patented May 4, 1897



Witnesses
E. J. Nottingham.
Geo. Foster

Inventor
F. Eigenraug Jr.
By H. A. Seymour.
Attorney

(No Model.)

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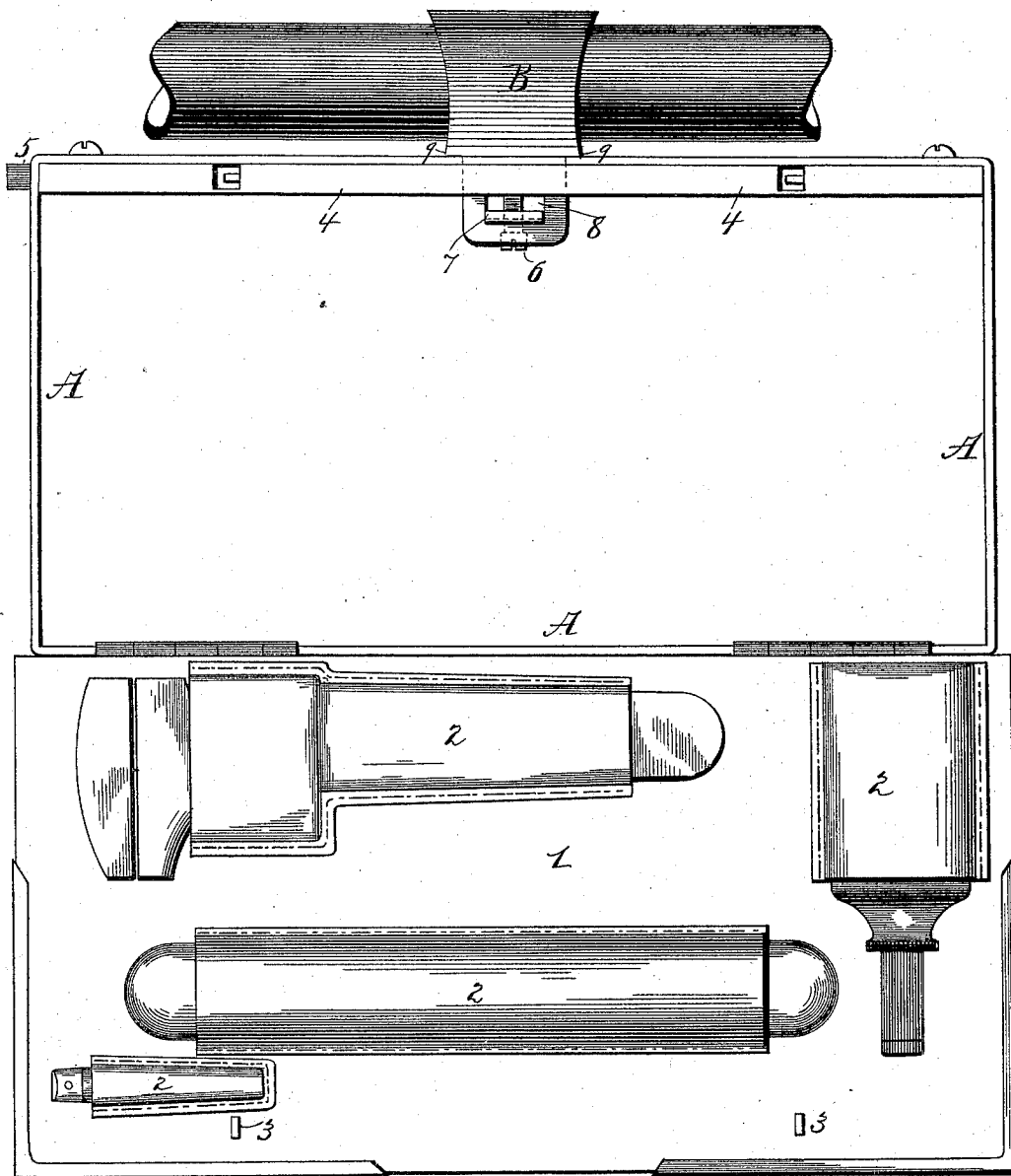


Fig. 3.

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UNITED STATES PATENT OFFICE.

FREDRICK EIGENRAUG, JR., OF BALTIMORE, MARYLAND.

TOOL-CASE FOR BICYCLES, &c.

SPECIFICATION forming part of Letters Patent No. 582,048, dated May 4, 1897.

Application filed July 9, 1896. Serial No. 598,588. (No model.)

To all whom it may concern:

Be it known that I, FREDRICK EIGENRAUG, Jr., of Baltimore, in the State of Maryland, have invented certain new and useful Improvements in Tool-Cases for Bicycles, &c.; and I do hereby 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.

My invention relates to an improvement in tool-cases for bicycles and other vehicles, the object being to provide a simple, durable, compact, and attractive case having a series of pockets or compartments therein for the reception of the necessary tools required for use on bicycles and other vehicles.

A further object is to so construct and arrange the parts that the contents of the case may be instantly exposed and presented for ready withdrawal.

A further object is to provide a non-collapsible rigid receptacle for tools which will stand the hard usage to which devices of this character are subjected.

A further object is to provide a tool receptacle or case with folding parts carrying compartments or pockets for holding tools or other devices whereby, when the folding parts are opened, the tools are exposed and each tool accessible without disturbing or handling any of the other tools.

With these ends in view my invention consists in certain novel features of construction and combinations of parts, as will be hereinafter more fully described, and pointed out in the claims.

In the accompanying drawings, Figure 1 represents a view of my improvement attached to the frame of a bicycle. Fig. 2 is a view in cross-section illustrating the manner of attaching the case to the bicycle frame or tube, and Fig. 3 is a view of the case in its open position.

A represents a rectangular rigid frame, and 1 1 the hinged sides thereof, the said frame and sides being made of any suitable metal or material and, if desired, covered with leather, either plain or ornamented. The hinged sides 1 1 are provided on their inner faces with a series of pockets or compartments 2, each shaped to receive and support

a tool or device carried by bicyclists, and are also provided at suitable points on their inner faces with catches 3 3, which latter are adapted to pass through the openings located in the side edges of lock 4 and engage the spring-actuated bolt therein, by means of which said hinged sides are supported in a closed position against the side edges of rectangular frame A. Lock 4, it will be observed; is secured to the inner face of the top of rectangular frame A and is operated to release the hinged sides by means of the spring-actuated push-button 5, conveniently located at one end near the top of said rectangular frame A.

B is a U-shaped securing-bail, the ends of which are adapted to pass downwardly through suitable slots formed in the top of rectangular frame A and lock 4. These projecting ends are each provided with an oppositely-located slot 8, within which is supported the notched plate 7 and the locking-bolt 6, which latter operates in a screw-threaded hole in the former. When bolt 6 is turned so as to contact with the bottom of lock 4, plate 7 will be forced downwardly and firmly against the bottom edges of slots 8, said edges entering the notches on the bottom face of said plate, thus securing the bail B against removal and at the same time preventing plate 7 from moving laterally. Bail B is also provided with the shoulders 9 9 9 9, which latter, when bolt 6 is in its normal position, are adapted to rest in contact with the top face of rectangular frame A. These shoulders, however, are not essential when the bail is secured to a bicycle-frame, as the spacing-block to be hereinafter referred to accomplishes the same result.

In order to prevent the tool-case from moving laterally when secured to the frame of a bicycle or other vehicle, I employ a spacing-block 10, preferably constructed in the manner shown in Fig. 2 of the drawings. This block when in position is seated upon the top face of rectangular frame A and is adapted to rest against the lower face of the tube or portion of the frame from which the tool-case is suspended, while the upper half of said tube is encircled by the curved or looped portion of bail B, and when bolt 6 is made to contact with the bottom face of lock 4 it will be ap-

parent that the said bail and spacing-block will be locked to the tube or frame.

The rectangular frame A and its hinged sides 1 1 may be made of any suitable light material, but for ordinary use I prefer to make said parts of aluminium. The exterior of these parts may also be ornamented in any desired manner.

From the foregoing it will be seen that a very simple, attractive, and compact tool-case is obtained, one in which each and every tool necessary for the use of bicyclists is kept in a separate compartment or pocket shaped to receive same, whereby the removal of any tool may be easily and quickly effected without being required to handle the numerous tools contained in said case.

It is also apparent that by employing the means described and shown for locking and unlocking the hinged sides considerable time will be saved when it is desired to either open or close the case. To expose the contents of the case to view, it is only necessary to apply inward pressure on push-button 5, which instantly throws the bolt and permits the sides 1 1 to drop by gravity to the position shown in Fig. 3. As soon as pressure is removed from push-button 5 the bolt operated thereby returns to its operative position and is ready to again engage the catches 3 3 on sides 1 1 as soon as the latter are returned to their closed position.

It is evident that changes in the construction and relative arrangement of the several parts might be made without avoiding my invention, and hence I would have it understood

that I do not restrict myself to the particular construction and arrangement of parts shown and described; but,

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

1. The combination with a tool-case, of a clip or bail, the ends of which are slotted and extend through slots in the case, a plate, the ends of which lie loosely in the slots in the clip or bail, and a set-screw extending through a threaded hole in this plate and adapted to bear against a portion of the case to hold the clip or bail securely around the part to which the case is to be secured.

2. The combination with an angular frame or rim having hinged lids or covers and provided with slots, of a clip or bail constructed and adapted to embrace the device to which the angular frame is to be secured, said bail or clip having slotted ends which enter the slots in the frame, a plate, the ends of which extend loosely into the slots in the clip or bail, and a set-screw adapted to turn in a threaded hole in the plate and bear upon an inner face of the frame whereby to lock the parts together and secure the clip or bail around the part of the machine to which it is to be secured.

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

FREDRICK EIGENRAUG, JR.

Witnesses:

G. F. DOWNING,

VERNON E. HODGES.