E. F. & H. PAWSAT.

DEFLATING TOOL.

APPLICATION FILED SEPT. 2, 1910.

984,239.

Patented Feb. 14, 1911.

Fig. 1.

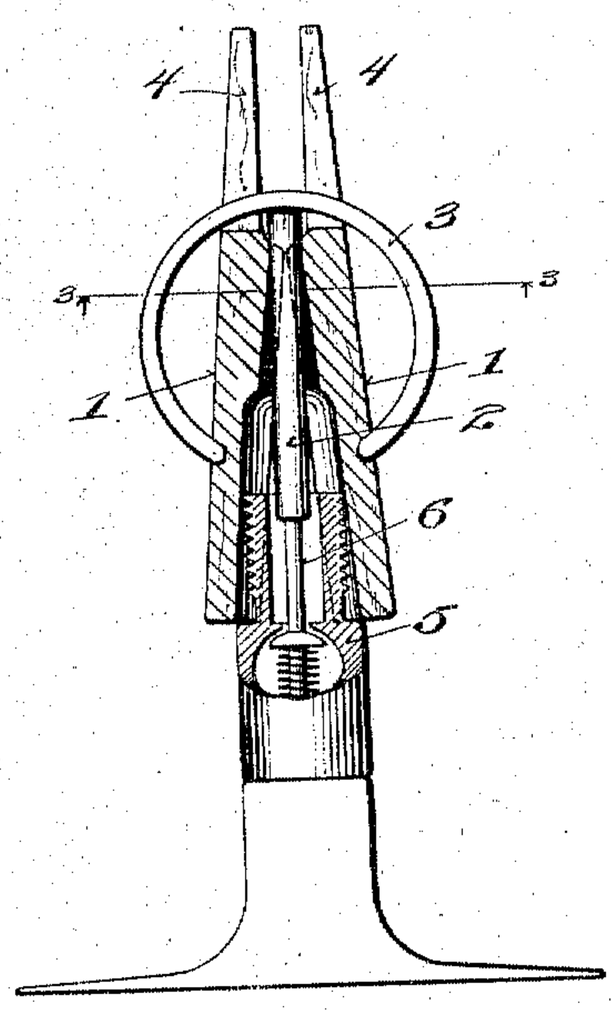


Fig. 2.

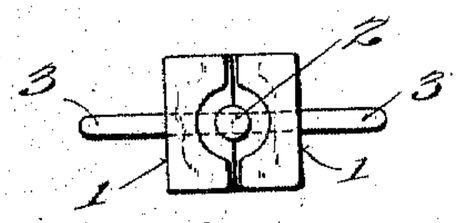
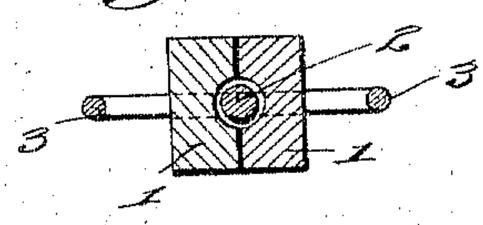


Fig. 3.



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UNITED STATES PATENT OFFICE.

EWALD F. PAWSAT AND HERMANN PAWSAT, OF SHEBOYGAN, WISCONSIN.

DEFLATING-TOOL.

984,239. Specification of Letters Patent. Patented Feb. 14, 1911.

Application filed September 2, 1910. Serial No. 580,182.

To all whom it may concern.

Be it known that we, EWALD F. PAWSAT and HERMANN PAWSAT, both citizens of the United States, and residents of Sheboygan, in the county of Sheboygan and State of Wisconsin, have invented certain new and useful Improvements in Deflating-Tools; and we do hereby declare that the following is a full, clear, and exact description thereof.

The object of our invention is to provide a simple, economical and effective deflating tool for use in connection with the valves of pneumatic tires or the like, the invention consisting in certain peculiarities of construction and combination of parts as set forth hereinafter with reference to the accompanying drawings and subsequently claimed.

In the drawings Figure 1 represents a sectional elevation of a tool embodying the features of our invention, the said tool being shown adjusted to a valve for the purpose of deflation; Fig. 2, an end view of the tool, and Fig. 3, a cross-section, as indicated by line 3—3 of Fig. 1.

Referring by characters to the drawings, 1, 1, represent jaw-members, between which is loosely fitted a plug 2, the jaw-members and plug being secured together by means of a circular spring 3, which spring passes through kerfs 4 in the ends of the jaw-members, the spring ends being embedded within the opposite end of said jaw-members. The jaws, as best shown in Fig. 3, are adapted to fulcrum upon each other when opened or closed in opposition to the spring, and when open, as shown in Fig. 1, they will readily engage the threaded end of a valve-casing 5, the internal gripping faces of the jaws being preferably concave, as shown in Fig. 2, whereby they will firmly grip said casing, and when so gripped, the plug between said jaws is forced into the air inlet of the valve-casing, whereby the plug will engage the valve stem 6 and depress the same to such position that its valve will be unseated and held so until the tool is removed. Thus the air is free to pass through the valve from the tire to which it is attached.

We claim:

1. A deflating tool comprising a pair of spring-controlled jaw-members fulcrumed upon each other, and a plug fitted between the jaw-members.

2. A deflating tool comprising a pair of spring-controlled jaw-members fulcrumed upon each other having concave gripping faces, and a plug supported by the jaw-members having its lower end extending downward between said concave gripping faces.

3. A deflating tool comprising jaw-members having kerfed upper ends and internal concave gripping faces at their lower ends, a plug fitted between the jaw-members having one end extending downward between the concave gripping faces of said jaw-members, and a circular spring fitted in the kerfed upper ends of the aforesaid jaw-members, the ends of the springs being embedded adjacent to the lower ends of the jaw-members.

In testimony that we claim the foregoing we have hereunto set our hands at Sheboygan in the county of Sheboygan and State of Wisconsin in the presence of two witnesses.

EWALD F. PAWSAT.
HERMANN PAWSAT.

Witnesses:
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