G. F. Foote,

Dentists' Tool Rack.

No. 54,882. Patented May 22, 1866.

Fig. 2.

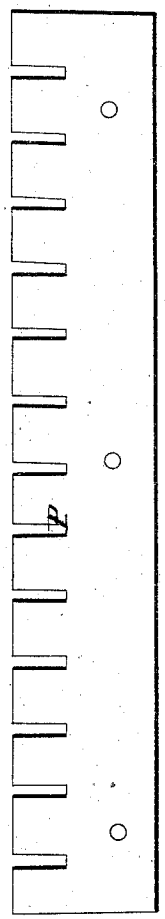


Fig. 3.

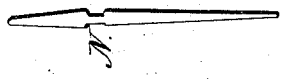
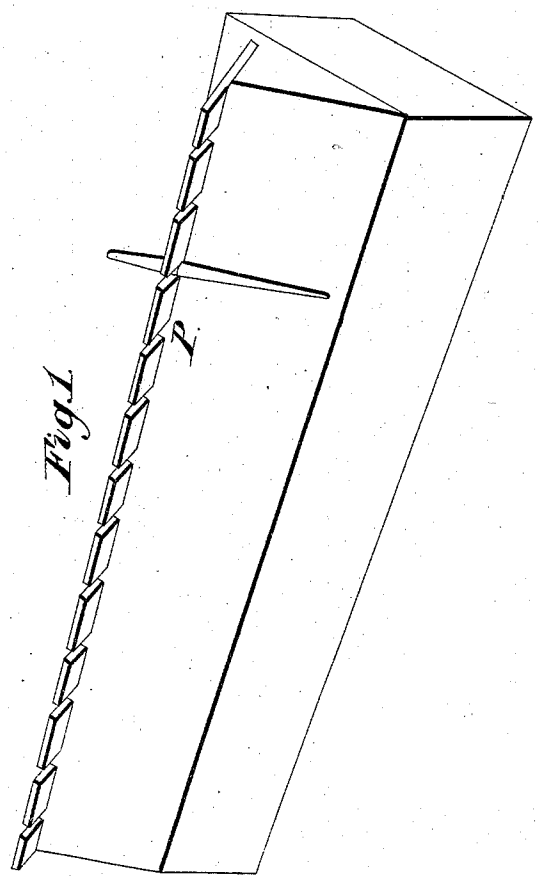


Fig. 1.



AM. PHOTO-LITHO. CO. N.Y. (OSBORNE'S PROCESS.)

UNITED STATES PATENT OFFICE.

GEORGE F. FOOTE, OF NEW YORK, N. Y.

IMPROVEMENT IN TOOL-HOLDERS FOR DENTISTS.

Specification forming part of Letters Patent No. **54,882**, dated May 22, 1866.

To all whom it may concern:

Be it known that I, GEO. F. FOOTE, of the city and county of New York, and State of New York, have invented a new and Improved Tool and Rack for Dental Purposes; and I do hereby declare that the following is a full and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, in which—

Figure I is a perspective. Figs. II and III are sectional elevations.

In the ordinary operations of preparing cavities in teeth and fillings the points or tools are immovably connected to their handles.

In the use of my improved tool and tool-rack it is designed to dispense with so many handles, and enable the operator, with one handle or tool-holder, to change his points or tools with the greatest facility, the points being arranged and classified so as to catch the eye at a glance, saving much time usually spent in searching for instruments.

Fig. III represents the tool, and is made of the best Stubs steel wire No. 36. The upper end is slightly tapered to fit a corresponding socket in the tool holder or handle. It is flattened at N to fit a corresponding-sized slot, P, Fig. II, in the tool-rack, and is from one to two inches long.

Fig. II is the tool-rack, about seven inches long by one wide, made from No. 14 sheet-iron, with square slots P cut at about half an inch apart. Fig. I is a perspective of the same, fastened to a block of wood with a tool suspended in it.

The change of tools by inserting the flattened portion into one of the slots P of the rack, which, while it holds, prevents it from turning, and with a slight rotary motion of the handle the tool is loosened and the change easily made, leaving the tool on the rack.

What I claim, and wish to secure by Letters Patent, is—

The combination of the slot P in the tool-rack with the flattened surface N of the tool, and its upper point, C, fitting a corresponding socket of a tool-holder, for the purposes herein set forth.

GEO. F. FOOTE.

Witnesses:
FRANK H. FOOTE,
J. W. LYON.