

No. 748,264.

PATENTED DEC. 29, 1903.

F. M. CRAWFORD.
PAPER HOLDING CLIP.
APPLICATION FILED MAY 11, 1903.

NO MODEL.

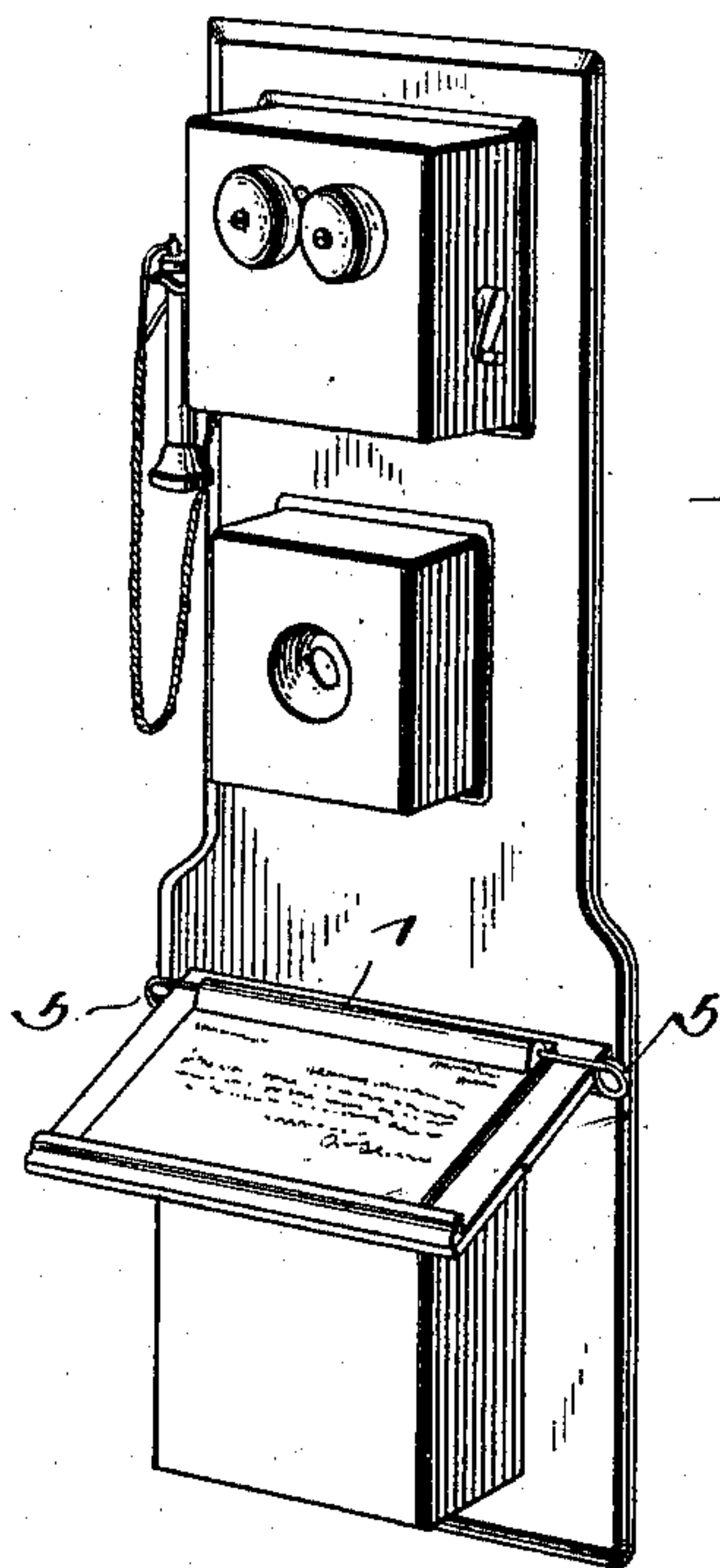


Fig. 1.

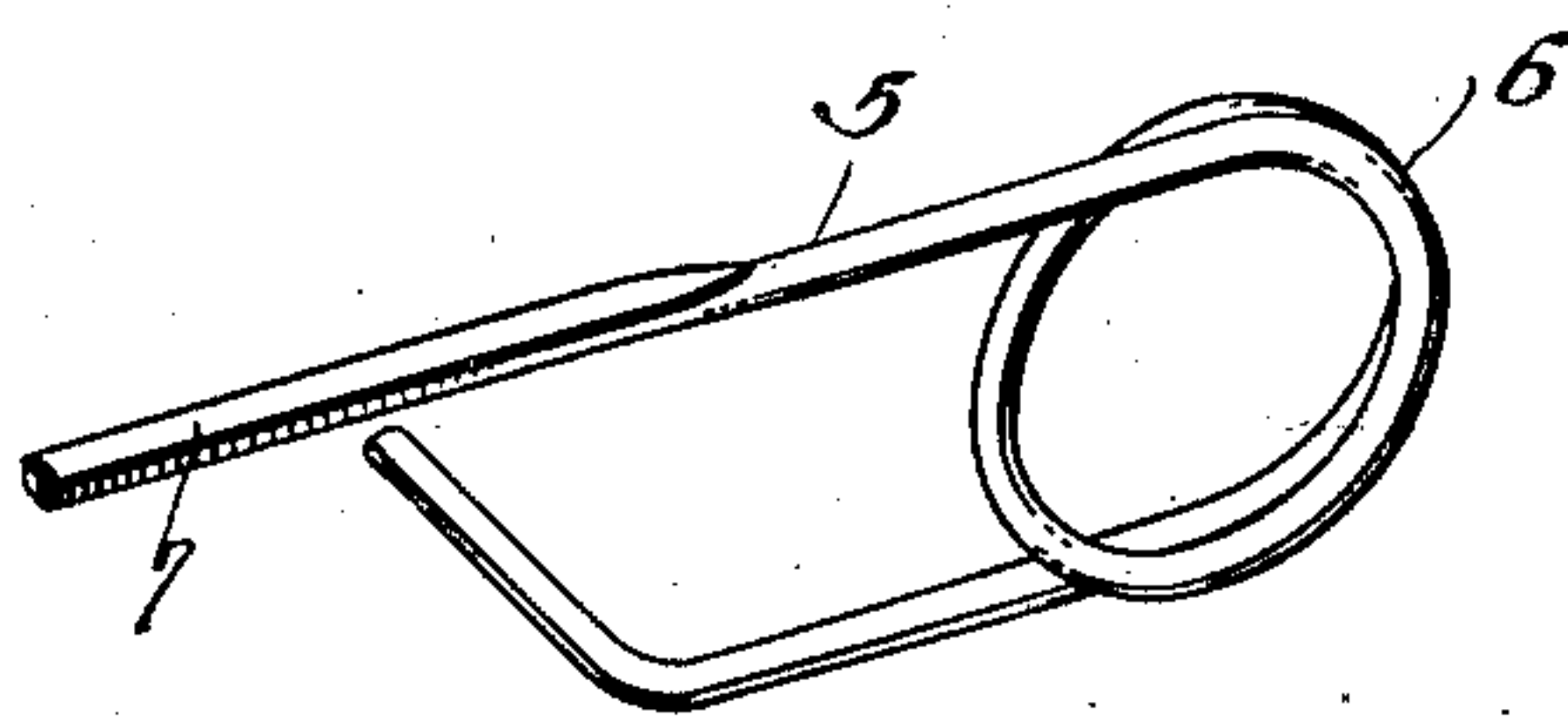


Fig. 3.

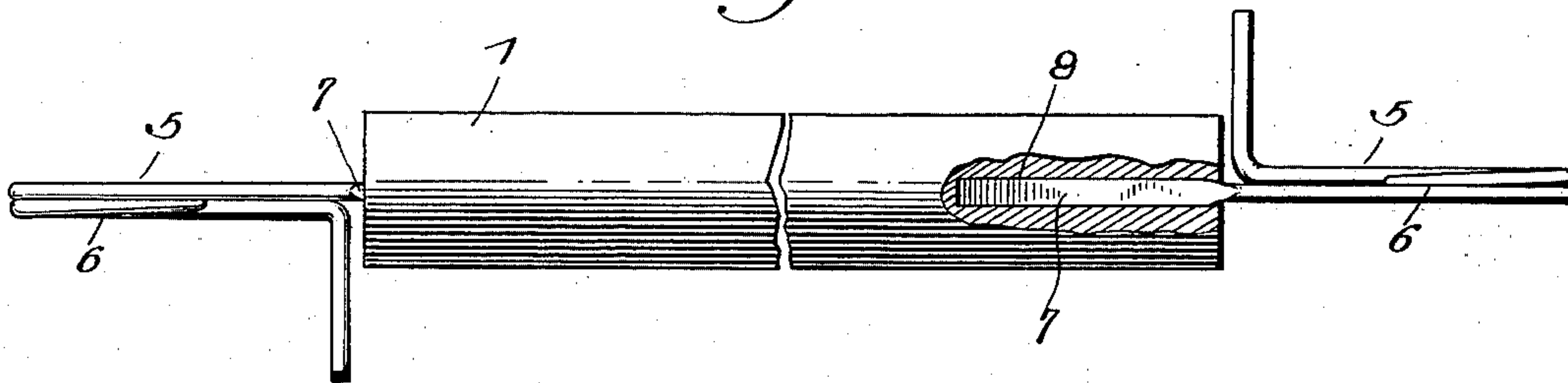


Fig. 2.

Fig. 4.



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UNITED STATES PATENT OFFICE.

FRANCIS M. CRAWFORD, OF WAYLAND, MISSOURI.

PAPER-HOLDING CLIP.

SPECIFICATION forming part of Letters Patent No. 748,264, dated December 29, 1903.

Application filed May 11, 1903. Serial No. 156,694. (No model.)

To all whom it may concern:

Be it known that I, FRANCIS M. CRAWFORD, a citizen of the United States, residing at Wayland, in the county of Clark and State of Missouri, have invented a new and useful Paper-Holding Clip, of which the following is a specification.

This invention relates to certain improvements in paper-holding clips, and has for its principal object to provide a spring-clip for holding a number of loose sheets or a pad of paper in convenient position on top of a battery-box of a telephone or similar shelf or support in convenient position for writing a message while using the telephone.

A further object of the invention is to provide a device which may be readily placed in position or removed when it becomes necessary to renew the supply of paper, which will automatically accommodate itself to varying thicknesses of pads, will permit the ready removal of a sheet, and which may be employed as a cutter to sever the lower portion of the sheet after a message has been written thereon.

A further object of the invention is to provide a device of this character which may be readily adjusted to supports of different width, and a still further object is to so construct the device as to prevent any liability of turning or loose movement of the clip while in use.

With these and other objects in view the invention consists in the novel construction and arrangement of parts hereinafter described, illustrated in the accompanying drawings, and particularly pointed out in the appended claims, it being understood that various changes in the form, proportions, size, and minor details of the structure may be made without departing from the spirit or sacrificing any of the advantages of the invention.

In the accompanying drawings, Figure 1 is a perspective view of a paper-clip constructed in accordance with the invention and illustrating the application of the same to the battery-box of a telephone or similar support. Fig. 2 is a detail plan view, on an enlarged scale, of the clip. Fig. 3 is a perspective view of one of the holding-springs detached. Fig.

4 is a cross-section of the clip member, showing a slight modification.

Similar numerals of reference are employed to indicate corresponding parts throughout the several figures of the drawings.

The clip comprises a main bar 1 for contact with the sheets of paper, said bar being of any convenient length and preferably of triangular or other form, so as to present one flat surface for contact with the top of the sheets and to form a comparatively sharp cutting edge by which the paper may be severed when necessary. This bar may be formed of wood or other material and may be provided with an ordinary cutter-plate 2, of metal, as shown in Fig. 4. At the opposite ends of the bar are suitable clips 5, each comprising a piece of spring-wire bent to form one or more coils or helices 6. One end of the wire is flattened and broadened in order to form a shank portion of substantially rectangular form, as indicated at 7 in Fig. 3, this portion being introduced into a similarly-shaped opening 8, formed in the end of the bar and by reason of its angular form serving to prevent rotative movement of the bar independent of the shank. The opposite terminal of the spring extends for a portion of its length in a direction parallel with the shank and thence is bent at a right angle in order to form an extensive portion for contact with the end portion of the battery-box shelf or lid and it will be noted that the terminals of the two springs are directed, respectively, in opposite directions, so that any turning or loosening movement of the clip will be prevented.

The shanks 7 are of suitable length in order to permit a range of adjustment necessary to accommodate the device to telephone-boxes of different widths, and when sold as an article of manufacture the shanks are preferably inserted but a small distance in the openings, so that they may be driven in farther by the purchaser in order to accommodate the width of the battery-box.

With a device constructed in accordance with this invention a number of sheets of paper or a pad may be conveniently held in position on top of the battery-box and used for taking down a message without inconvenience and without danger of the slipping of

the pad or any turning or loosening movement of the clip. When the supply of paper is to be replenished, the clip-bar may be readily raised, or a single sheet may be removed
 5 when necessary, or, if desired, a sheet containing a written message may be severed and the top edge of the sheet left under the bar.

It will be understood that the device may be employed in connection with battery-box
 10 lids, shelves, or any other fixed or movable paper-supporting devices without departing from the invention.

Having thus described the invention, what is claimed is—

15 1. A paper-clip comprising a clip-bar, and a pair of support-engaging springs disposed at opposite ends of the bar and adjustable longitudinally of the bar for engagement with supports of different widths.

20 2. A paper-clip comprising a clip-bar, holding-springs secured to the end of the bar and adapted to engage a support, the engaging ends of the springs being turned respectively in opposite directions to prevent turning
 25 movement of the bar.

3. A paper-clip comprising a clip-bar having end openings, and a pair of support-en-

gaging springs having angular shank portions adjustable longitudinally in said openings. 30

4. In a paper-clip, a clip-bar having angular openings, and coiled-wire support-engaging springs having angular shanks fitting in said angular openings to thereby prevent independent turning movement of the clip-
 35 bar.

5. A paper-clip comprising a clip-bar angular in cross-section and provided with openings at its opposite ends, and a pair of support-engaging springs formed of coiled
 40 spring-wire, said springs having angular shank portions adapted to enter the openings in the end of the clip-bar and adjustable longitudinally thereof, the opposite terminals of the respective engaging clips being turned
 45 respectively in opposite directions.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

FRANCIS M. CRAWFORD.

Witnesses:

GRANT WILSEY,
 F. E. SCHMIDT.