

C. N. EMMERSON.
CALCIMINER'S KNIFE.
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898,568.

Patented Sept. 15, 1908.

Fig. 1.

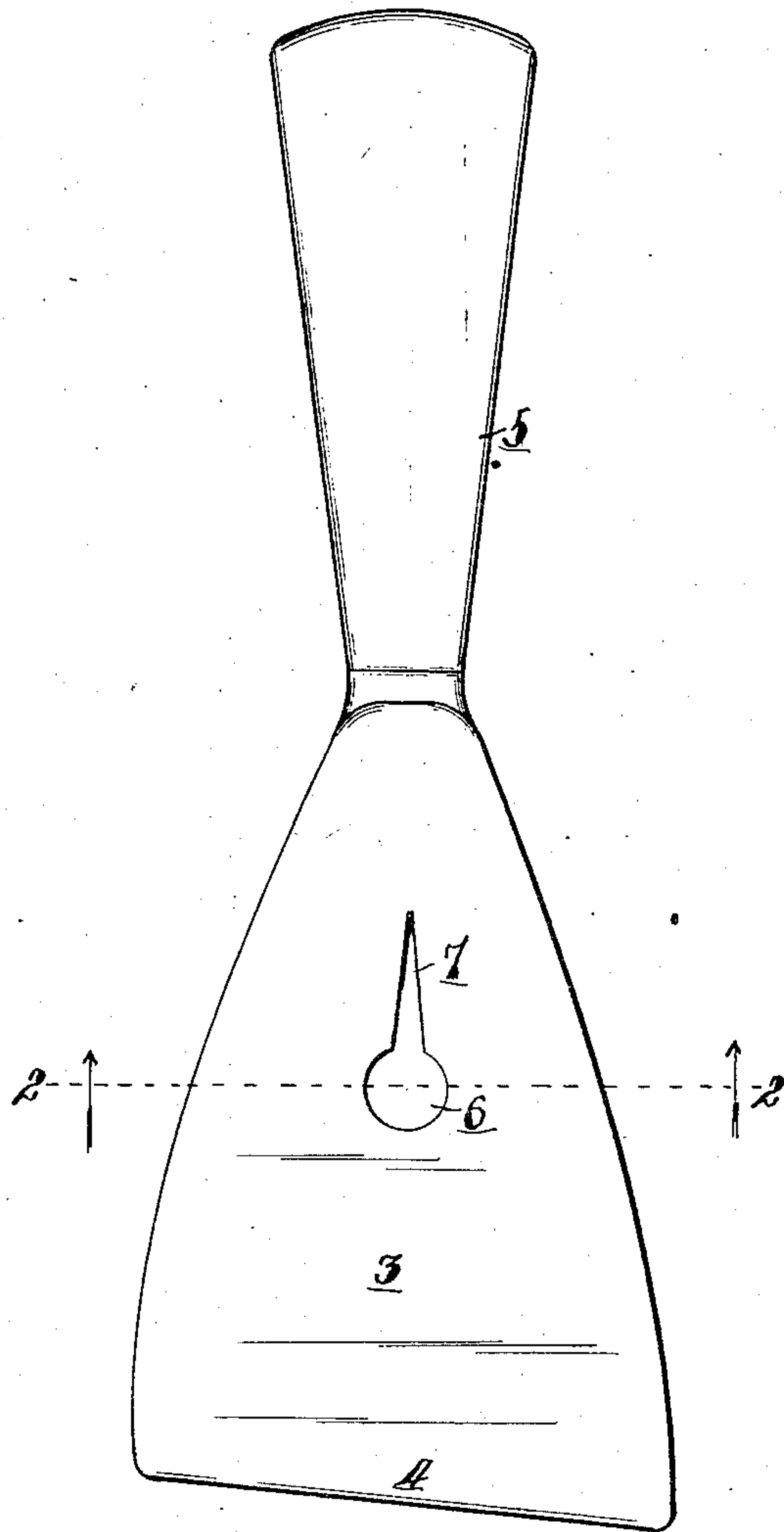
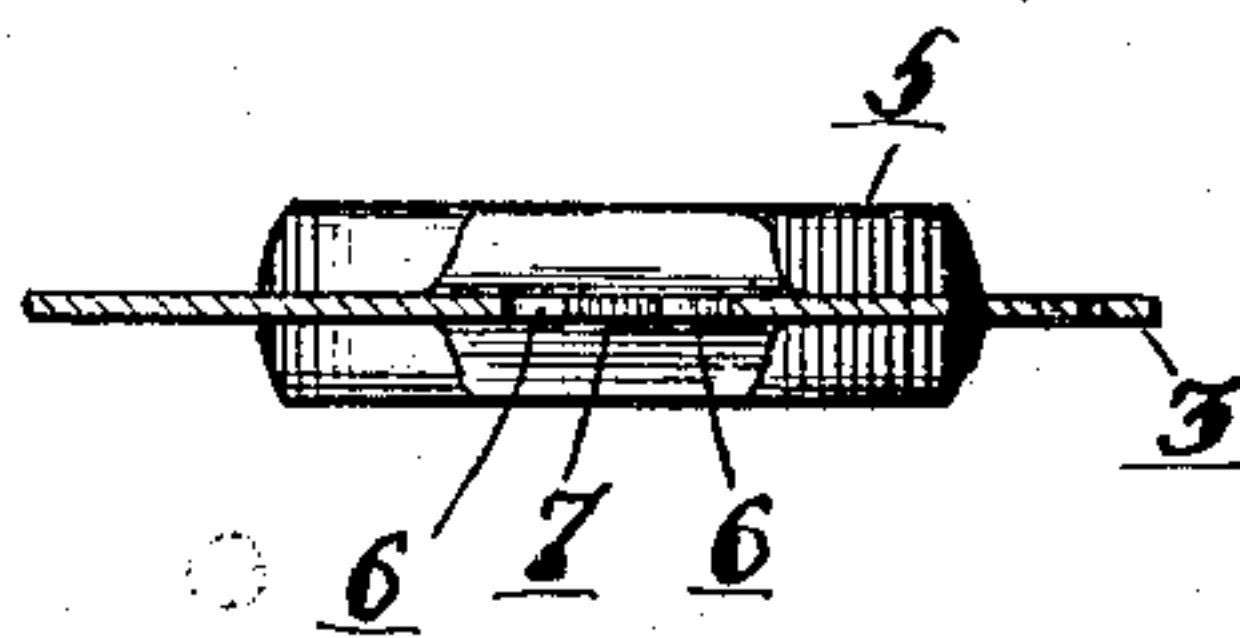


Fig. 2.



Witnesses:

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UNITED STATES PATENT OFFICE.

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CALCIMINER'S KNIFE.

No. 898,568.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, CHARLES N. EMMERSON, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a certain new and useful Improvement in Calciminers' Knives, of which the following is a specification.

This invention has for its object to adapt a calciminer's knife of ordinary formation for removing nails or tacks from a plastered wall or from woodwork, which permits the user to perform such work more readily and easily than would be the case if additional nail pulling tools were used.

A further object of the invention is to so position the nail pulling means that the broad flat face of the knife will serve as a fulcrum whereby the danger of scratching or marring a plaster surface is avoided. This renders the tool superior, for nail pulling purposes, to a hammer having a claw, in that no sharp corners or edges are brought to bear against the plaster whereby it might be chipped or otherwise marred.

The invention consists in the features of construction and combination of parts hereinafter described and claimed.

In the drawings, Figure 1 is a plan view of the knife; and Fig. 2 a cross sectional view taken on line 2—2 of Fig. 1.

The knife is of the usual formation, comprising a thin flat blade 3, of substantially triangular formation, having a broad acting edge 4, from which the knife tapers rearwardly toward a handle 5 of the usual formation. Near the center of the blade is formed a round hole 6, from which rearwardly extends a narrow converging slot 7, the hole and slot being of a general keyhole formation.

The knife is intended to be used in the ordinary way for working over a puttied window or plastered wall, and when a nail or tack is encountered the knife can be laid flat against the wall, which brings the nail or tack head through the hole in the knife blade, after which the knife will be moved forwardly until the nail or tack is tightly engaged by the converging slot 7, after which the nail can be readily removed by an outward pull on the handle of the knife. The

face of the broad flat blade, which rests flat against the wall, serves as a fulcrum for the movement of the handle, and this flat surface is of sufficient extent to prevent the knife from sinking into the plaster of the wall, even though soft, or from gouging the wall by bringing any sharp corners, points, or edges into contact therewith. In drawing nails or tacks, the outward movement of the handle, in most cases, need not be sufficiently great to bring the knife edge into direct contact with the wall, so that at all times the wide edge of the blade will remain substantially in facial contact with the wall and thereby present a sufficiently broad and extensive surface to permit the withdrawal of the nail or tack without injury to the plaster of the wall. Furthermore, the construction of the knife permits the nail slot to be located a sufficient distance from the acting edge of the blade to give a substantially direct outward pull to the nail rather than a partial lateral pull, such as is usually given by a hammer or similar implement, and this is important for the reason that a nail or tack will easily chip or crack the plaster around the nail hole unless the draw thereon be direct.

The knife is so formed that its usefulness as a knife is in nowise impaired by the presence of the nail slot; and, furthermore, the nail slot is so located and arranged as to render the implement peculiarly fitted and highly satisfactory in withdrawing nails or tacks from the plastered surface.

What I regard as new and desire to secure by Letters Patent is:

A calciminer's knife comprising a handle and a broad flat blade connected with the handle and forwardly extending therefrom, the blade having formed therein, a considerable distance from the acting edge, a hole tapered away from the edge and toward the handle, and adapted to engage a nail or tack and permit the same to be drawn by raising the handle upon the blade as a fulcrum, substantially as described.

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Witnesses:

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PIERSON W. BANNING.