

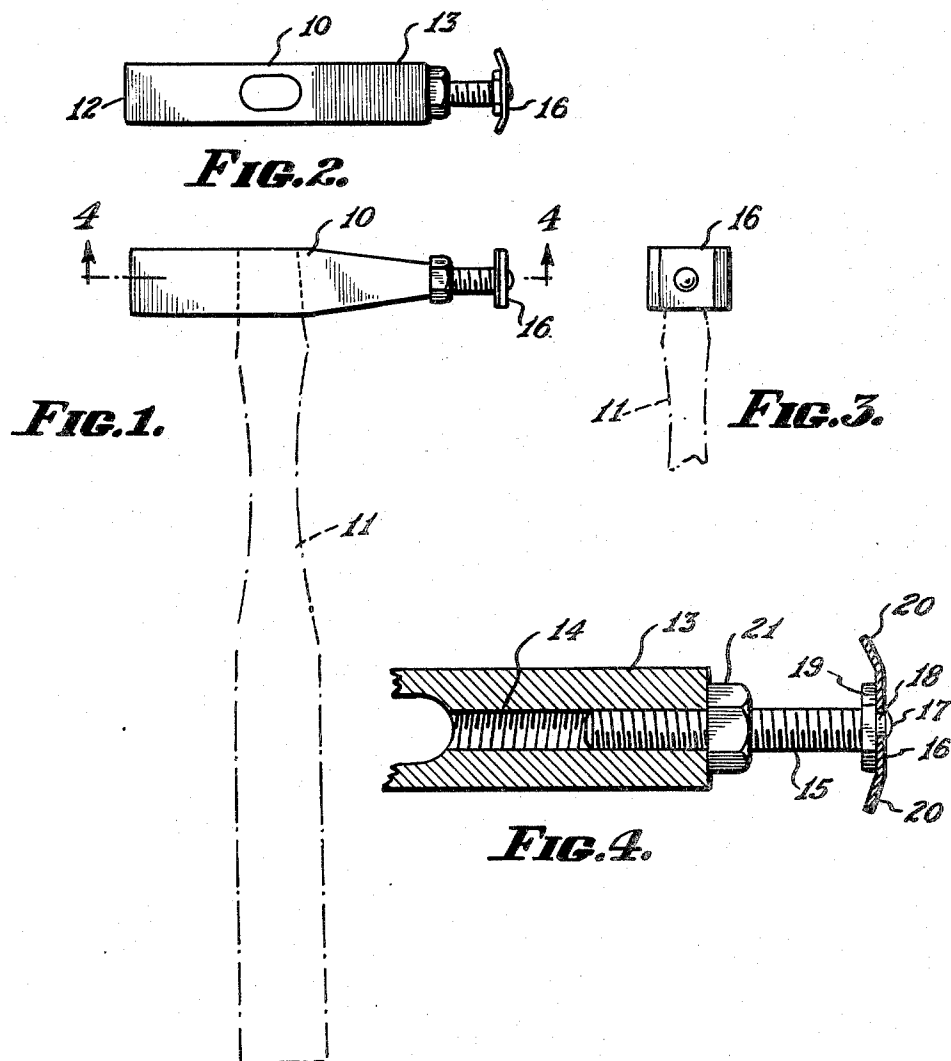
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SHINGLE GAUGE ATTACHMENT FOR HAMMERS

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SHINGLE GAUGE ATTACHMENT FOR
HAMMERSFred B. Pies, deceased, late of Newtown, Ohio, by
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1 Claim. (Cl. 33—173)

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This invention relates to shingling hammers. In the laying of shingles on a subroof, it has been conventional to line up a course of shingles by means of a chalk line. Having laid one course of shingles, it has then been customary to lay up a second chalk line appropriately spaced to give the required degree of overlap to the second course of shingles. This procedure has been rather slow and has necessitated the use of two workmen at least in order to handle the chalk line.

Various expedients have been suggested and even patented in the past to avoid the difficulties above set forth. These expedients so far as known have universally involved the incorporation of a scale in the handle of a shingling hammer. The scale could be extended to the desired distance and in some instances it could be locked in position. Usually, however, such a scale extending from the handle was a matter of great inconvenience to the user because it interfered with his normal use of the hammer. Thus in most cases it was desirable to collapse the scale after each measurement. Attempts have been made to overcome this difficulty by making the scale of flexible material, but still a flexible scale extending from the handle of a hammer is a distinct annoyance.

With the foregoing difficulties and objections in view, it is an object of this invention to provide a shingling hammer incorporating a gauge which will in no way interfere with the normal use of the hammer. It is another object of this invention to provide a hammer as outlined which is extremely simple and inexpensive, so that it will be within reach of all. It is a still further object of this invention to provide a hammer in which the gauge is incorporated in the hammer head at the end opposite the strike face, so that the gauge may be set for a desired measurement, locked in position, and used without further attention.

These and other objects of the invention, which are set forth hereinafter or which will be apparent to one skilled in the art upon reading these specifications, are accomplished by that certain construction and arrangement of parts of which is now described an exemplary embodiment. Reference is made to the drawings forming a part hereof and in which:

Figure 1 is an elevational view of a hammer incorporating my invention.

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Figure 2 is a plan view of the same.

Figure 3 is an end elevation of the same, and Figure 4 is a fragmentary cross-sectional view taken on the line 4—4 of Figure 1 on an enlarged scale.

Briefly, in the practice of the invention there is provided a hammer head of generally conventional configuration and indicated in the drawings at 10. The hammer head is attached to a handle 11 in any conventional manner. The head 10 has at one end a striking face 12, and my novel gauge is incorporated in the end 13 of the head opposite the striking face.

As most clearly shown in Figure 4, the end 13 of the hammer head is provided with a substantially axial threaded hole 14. A threaded element 15 is screwed down into the hole 14. At its outer end the member 15 carries a gauging abutment 16 which may be riveted to the member 15, as at 17. In the particular embodiment shown, the member 15 was constituted of an ordinary bolt, the head of which was turned down to leave the boss 18 and to leave a portion of the head, as at 19, to serve as a support for the member 16.

It will be noted that the gauging abutment 16 is bent over at its ends, as at 20, to facilitate the gauging operation. It will be noted also that the portions 20 are substantially transverse to the general plane of the hammer so that in a gauging operation the hammer is used in a substantially flat position. A member 20 may be engaged over the edge of a shingle, and the position of the striking face then determines the point at which the end of a succeeding shingle is to be fixed.

The gauging member is held in any desired position by means of a lock nut 21 which may be tightened against the end 13 of the hammer head.

In use it will be observed that the novel shingling hammer is extremely convenient in that it is not necessary for the user ever to let go of the hammer or to change his grip on the handle. Having completed a first course of shingles, the user will pick up a shingle with his left hand and having the hammer in his right hand, will engage one of the members 20 over the bottom edge of a shingle in the first course. He will then lay the new shingle up against the hammer head, pick up a nail with his left hand, and without changing his grip on the hammer, he will drive the nail home.

It will be clear that modifications may be made in the device without departing from the spirit of the invention, and it therefore is not intended to limit the invention except as set forth in the claim which follows. Having now fully described the invention, what is claimed as new and desired to secure by Letters Patent is:

As an article of manufacture, a hammer attachment comprising an arm having a threaded shank provided with a lock nut for adjustable threaded engagement with a hammer head, said shank terminating in a gauging abutment, said gauging abutment having fingers extending in diametrically opposite directions from said shank, said fingers being bent in the direction of said shank to provide hook-like elements for engaging behind an edge with respect to which a distance is to be gauged.

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