Oct. 18, 1927. 1,645,808

F. F. GREGEL

SHINGLING GAUGE

Original Filed Feb. 11 1925

Fig. 1.

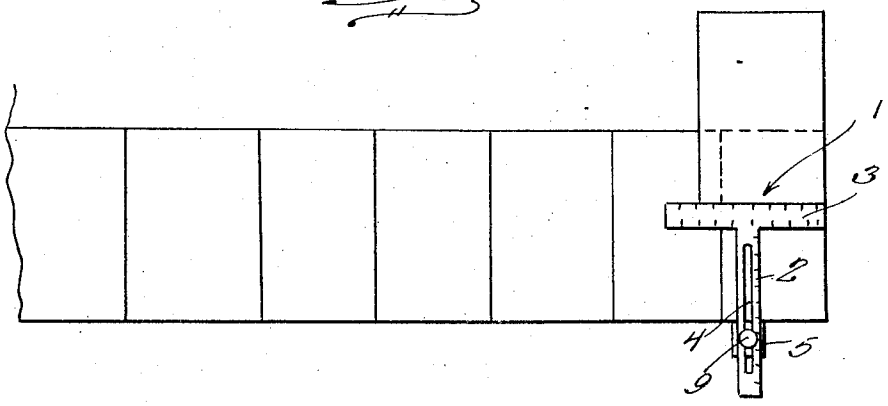
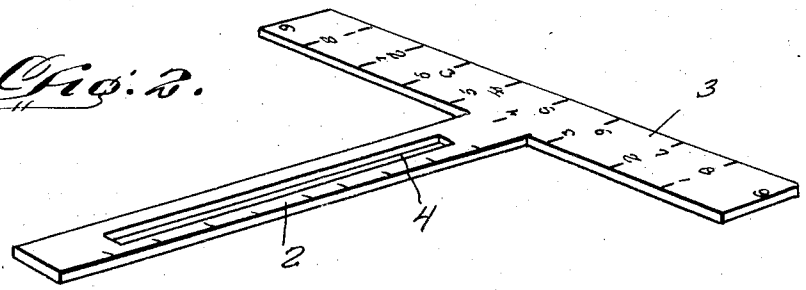


Fig. 2.



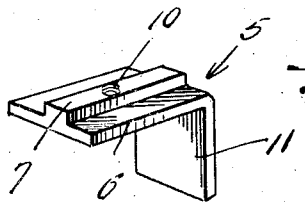


Fig. 3.

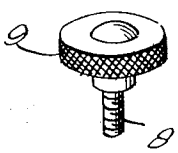


Fig. 4.

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UNITED STATES PATENT OFFICE.

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SHINGLING GAUGE.

Application filed February 11, 1925, Serial No. 8,429. Renewed July 19, 1927.

This invention relates to improvements in measuring instruments and is adapted more particularly to a gauge for use in shingling a roof.

One of the important objects of the present invention is to provide a shingling gauge which will save considerable time and labor as well as enable the overlapping rows of shingles to be secured on a roof in an accurate manner and further saving unnecessary waste in the laying of the rows of shingles.

A further object is to provide a shingling gauge of the above mentioned character, wherein means is provided for adjusting the distance between the lower edge of one row with respect to the lower edge of the adjacent overlapping row of shingles.

A still further object is to provide a shingling gauge of the above mentioned character, which is simple in construction, inexpensive, strong and durable and further well adapted for the purposes for which it is designated.

Other objects and advantages of this invention will become apparent during the course of the following description.

In the accompanying drawing forming a part of this specification and in which like numerals designate like parts throughout the same:

Figure 1 is a top plan view of the shingling gauge embodying my invention showing the same in use.

Figure 2 is a detail perspective view of the substantially T-shaped member.

Figure 3 is a detail perspective view of the angular lug, and

Figure 4 is a detail perspective view of the fastening means associated with the foot and the T-shaped member.

In the drawing wherein for the purpose of illustration is shown the preferred embodiment of my invention, the numeral 1 designates generally my improved shingling gauge, the same comprising a substantially T-shaped member, the vertical leg portion thereof being designated by the numeral 2 while the horizontally extending arm is indicated at 3. The T-shaped member is formed of metal. Graduations are provided on the upper face of the leg and arm portions respectively whereby a scale is provided for measuring the shingles in the manner well known in the art.

The leg portion 2 of the substantially T-shaped member is provided with an elongated longitudinally extending slot 4. Cooperating with the T-shaped member is the angular foot designated generally by the numeral 5. Formed on the upper face of the horizontal portion 6 of said foot is the centrally located tongue 7. The tongue 7 is adapted for slidable movement within the longitudinal slot 4 whereby the angular foot 5 may be adjusted on the leg portion of the T-shaped member with respect to the horizontally extending arm 3.

For the purpose of holding the angular foot 5 in the desired adjusted position on the leg portion 2, there is provided a bolt 8 the same having formed on the upper end thereof the knurled head 9 for the purpose of actuating the bolt. The threaded end of the bolt is adapted to be threaded into a suitable threaded opening 10 provided in the central portion of the horizontally extending portion 6 of the angular foot 5 as well as the tongue 7. When the bolt 8 is tightened by turning the head 9 in one direction, said head will engage the upper face of the leg portion 2 and securely hold the angular foot in any desired adjusted position against accidental sliding movement. The downwardly extending portion 11 of the angular foot 5 is adapted to engage the bottom edge of the lower row of shingles and the T-shaped member will lie flush against the upper surfaces of the shingles forming the lower rod. The shingles which are adapted to form the adjacent overlapping row are then placed against the upper edge of the horizontally extending arm 3 in the manner clearly illustrated in Figure 1 whereby the upper row of shingles will be properly spaced with respect to the lower edges of the lower row thus enabling the several rows of shingles to be laid in an even and accurate manner thereby preventing any unnecessary waste in the shingling of a roof.

By loosening the bolt 8, the angular foot 5 may be moved along the leg portion of the T-shaped member so that the distance between the lower edges of the overlapping rows of shingles may be adjusted to meet the necessary requirements.

The use of a shingling gauge of the above mentioned character, enables the same to be readily and easily operated and will at all times be positive and efficient in carrying out the purposes for which it is designated.

Furthermore, the provision of a gauge of the above mentioned character, enables the same to be also used as a triangle or square. The simplicity in which the present device is constructed renders the same inexpensive and furthermore enables the angular lug to be readily and easily adjusted.

While I have shown the preferred embodiment of the present invention, it is to be understood that various changes in the size, shape and arrangement of parts may be resorted to, without departing from the spirit of the invention and the scope of the appended claims.

Having thus described the invention, what I claim as new is:—

1. A shingling gauge comprising a substantially T-shaped member, a foot member slidably adjustable along the leg portion of said T-shaped member and adapted to engage the bottom edge of a lower row of shingles, the shingles forming the adjacent overlapping row having their bottom edges adapted to be placed against the upper edge of the arm of said T-shaped member.

2. A shingling gauge comprising a substantially T-shaped member, the leg portion thereof being provided with a longitudinally extending slot, an angular foot member disposed on the under side of said leg portion, there being a tongue formed on the upper face of the horizontal portion of said angular foot member, said tongue adapted for slidable movement in said slot, means for holding said angular foot member in any adjusted position on the leg portion of the T-shaped member, the downwardly extending portion of the angular foot member being adapted to engage the bottom edge of a lower row of shingles, the shingles forming the adjacent overlapping row having their bottom edges adapted to be placed against the upper edge of the arm of said T-shaped member.

In testimony whereof I affix my signature.

FRED FRANK GREGEL.