

No. 807,957.

PATENTED DEC. 19, 1905.

H. P. NEPTUNE.
SHINGLE GAGE.

APPLICATION FILED JUNE 5, 1905.

FIG. 1-

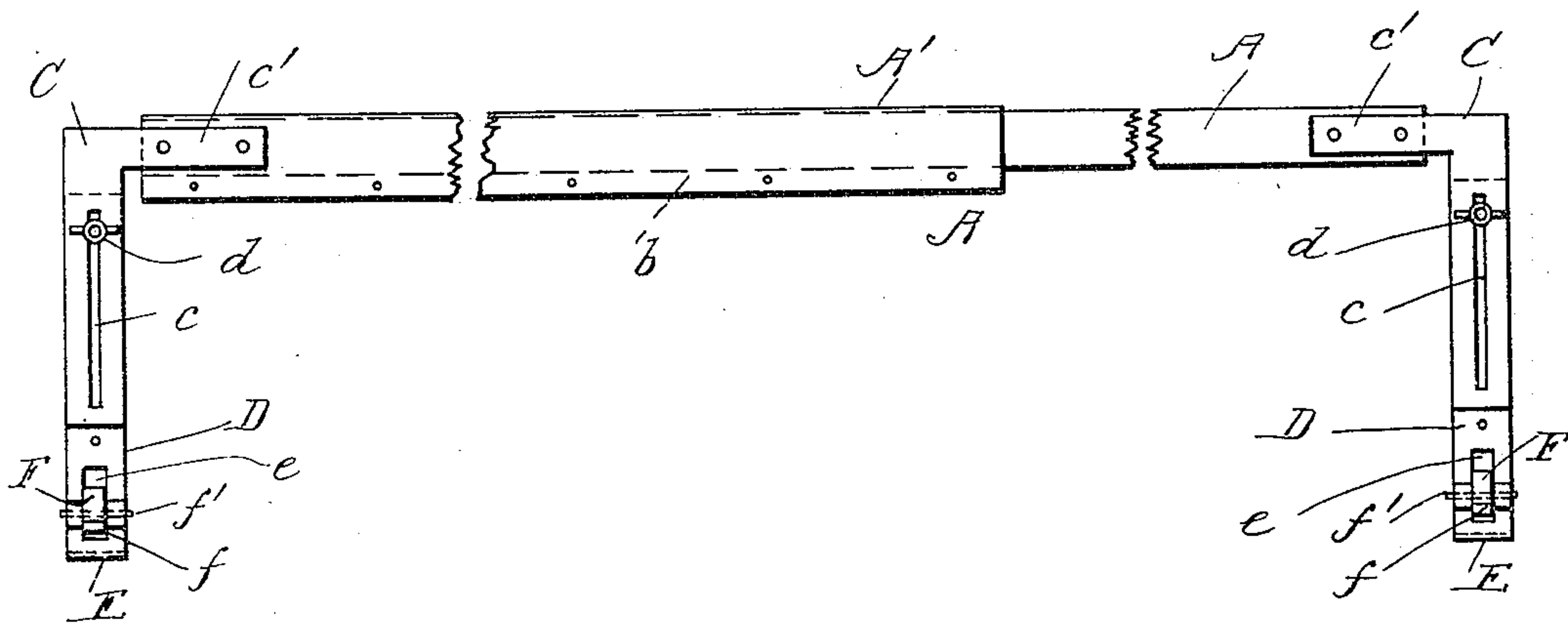


FIG. 2-

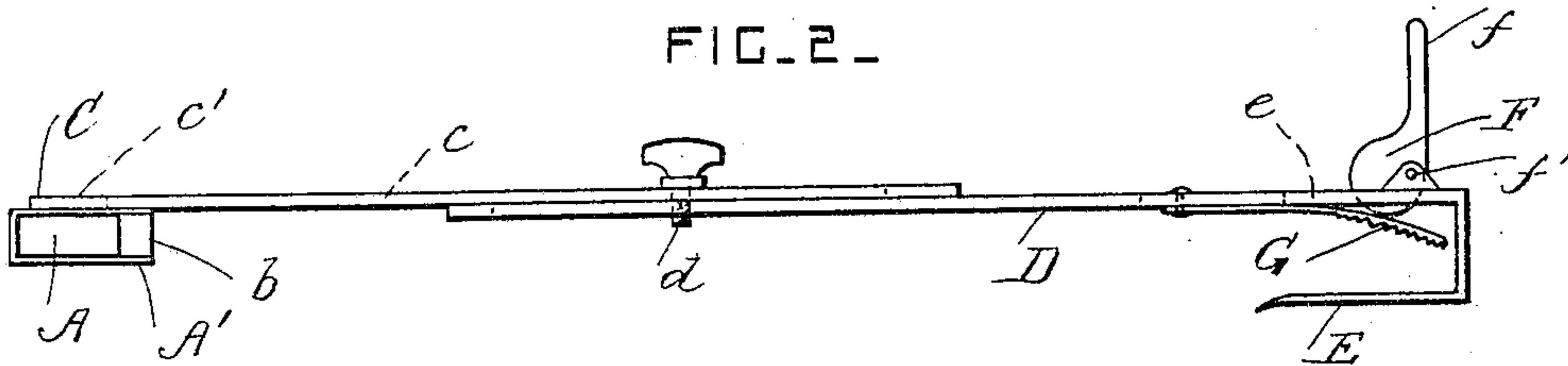
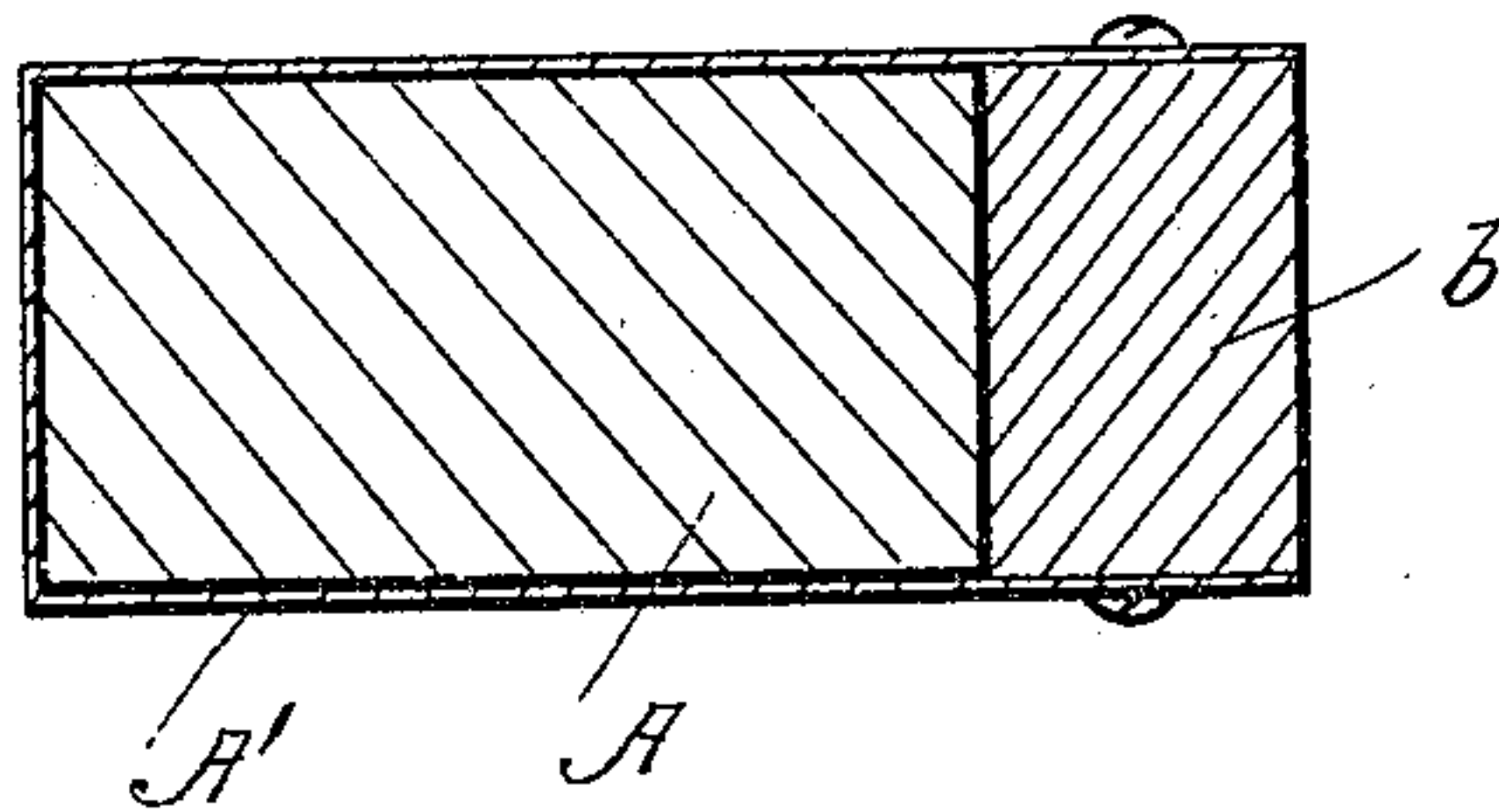


FIG. 3-



WITNESSES:

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SHINGLE-GAGE.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, HERMAN P. NEPTUNE, a citizen of the United States, residing at Boulder, in the county of Boulder and State of Colorado, have invented certain new and useful Improvements in Shingle-Gages; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to gages for roofing-shingles; and it consists in the novel construction and combination of the parts hereinafter fully described and claimed.

In the drawings, Figure 1 is a plan view of the shingle-gage. Fig. 2 is an end view of the shingle-gage drawn to a larger scale. Fig. 3 is a cross-section through the straight-edge, also drawn to a larger scale.

A is a straight-edge, which is preferably extensible. One straight-edge member A' is arranged to slide over the other member of the straight-edge, and the straight-edge member A' is provided with a thin metallic guide, in which the other member is slidable. The thickness of the metal of the guide at the front edge makes no practical difference in laying shingles. The guide A' is provided with a wooden back-piece b, to which it is secured, the said guide A' being trough-shaped in cross-section.

C represents brackets secured to the end portions of the straight-edge and provided with longitudinal slots c. The brackets are provided with arms c', which project from them at a right angle and by means of which they are secured to the end portions of the straight-edge. In this manner the main portion of each bracket with its slot is supported beyond the end of the straight-edge.

D represents extension-bars which are slidable under the main portions of the brackets C, and d represents thumb-screws by means of which the extension-bars are clamped to the brackets.

The extension-bars slide under the brackets past the ends of the straight-edge. The lower end portions of the extension-bars D are provided with hooks E for engaging with the edges of one row of shingles, and these hooks are provided with clamping devices for securing them to the shingles.

Each hook preferably has a slot e in its back, and F is a cam provided with an operating-handle f and pivoted in the said slot by means of a pin f'.

G is a serrated or corrugated spring-tongue which is secured to the back of the hook under the face of the cam.

The two hooks are clamped to two shingles of one row of shingles, said hooks engaging with the bottom edges of the said shingles and the straight-edge resting on the upper surfaces of the said row of shingles. The extension-bars are then clamped to the brackets so as to hold the straight-edge in the desired position, and the next higher row of shingles is then secured to the roof with the bottom edges of its shingles resting against the straight-edge, which forms the gage for keeping the row straight and at the right distance from the bottom edges of the row of shingles to which the said hooks are clamped.

What I claim is—

1. In a shingle-gage, the combination, with a trough-shaped metallic guide-bar, and a back piece secured between its sides; of a rectangular bar slidable in the aforesaid bar, brackets secured to the outer end portions of the two said bars, and clamping devices for engaging the shingles carried by the said brackets.

2. In a shingle-gage, the combination, with a straight-edge, of angle-shaped brackets secured to the end portions of the said straight-edge, slidable extension-bars arranged under the main portions of the said brackets and provided with clamping devices for engaging the shingles, and means for securing the said bars to the said brackets.

3. In a shingle-gage, the combination, with a straight-edge, of bars connected with the end portions of the said straight-edge and provided with hooks having slots in their backs, spring-tongues secured to the backs of the said hooks, and cams pivoted in the said slots and pressing the said tongues into engagement with the shingles.

In testimony whereof I have affixed my signature in the presence of two witnesses.

HERMAN P. NEPTUNE.

Witnesses:

GUY A. ADAMS,
A. P. STOCKING.