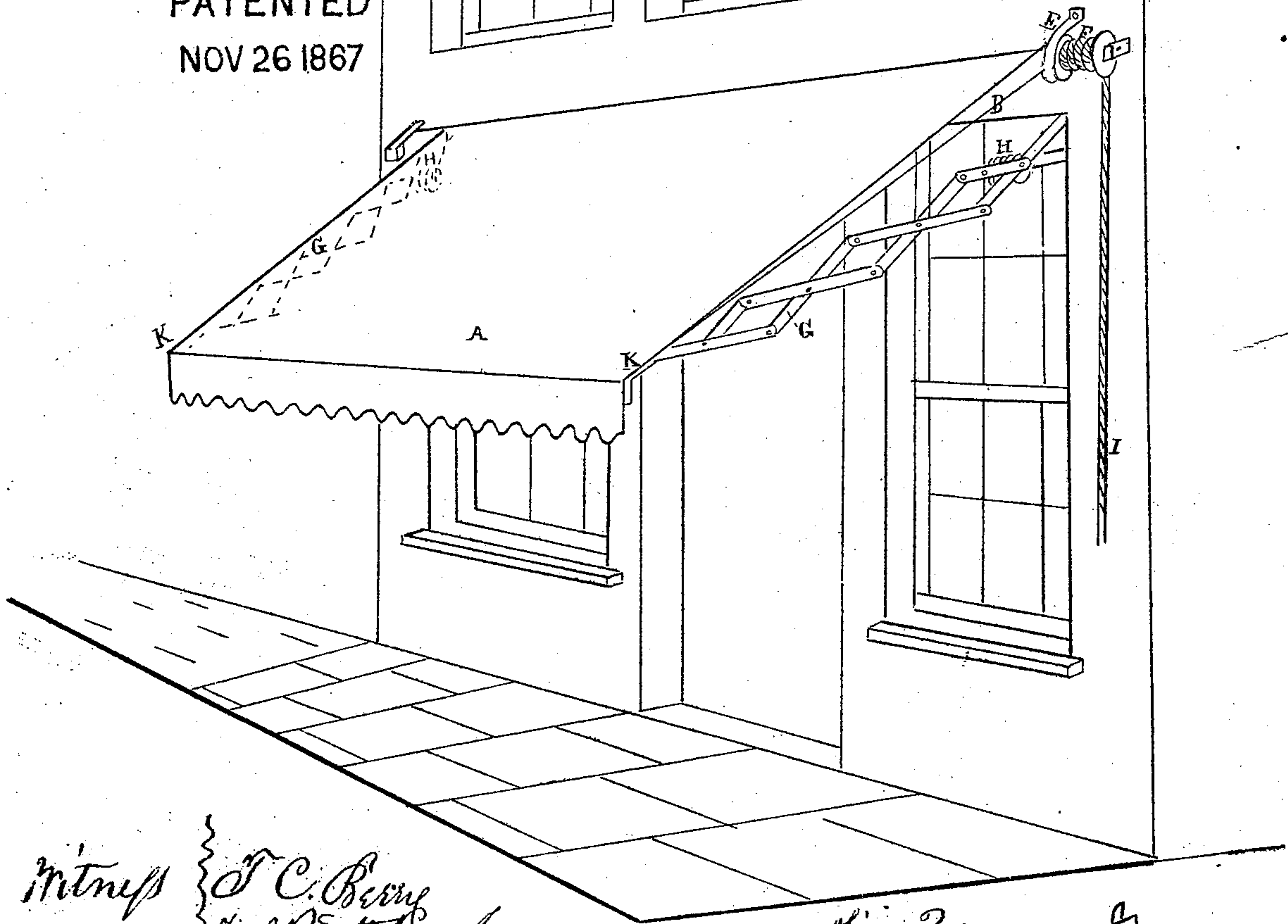


Fig. 1.

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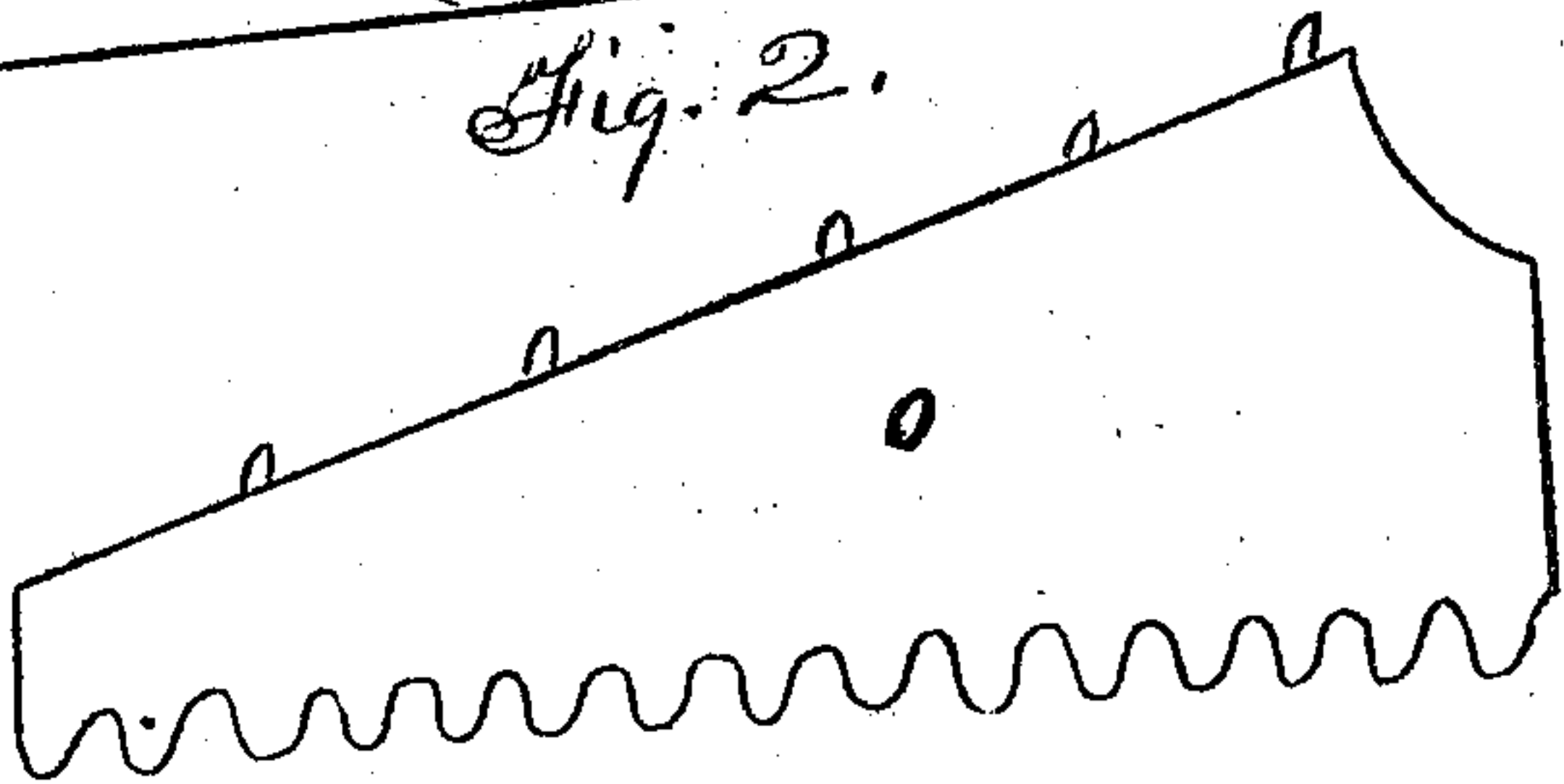
PATENTED
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Witness

J. C. Berry
Wm. Rustenburg

Fig. 2.



S. Miller
A. S. Wellan

United States Patent Office.

S. MILLER AND J. S. McCLELLAN, OF CHAMPAIGN COUNTY, OHIO.

Letters Patent No. 71,509, dated November 26, 1867.

IMPROVED AWNING.

The Schedule referred to in these Letters Patent and making part of the same.

Be it known that we, S. MILLER and J. S. McCLELLAN, in the county of Champaign, and State of Ohio, have invented a new and useful Improvement on an Awning; and we do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, in which—

Figure 1 is a perspective view, and

Figure 2 the detached side curtain.

The arms G (one of which is not represented in the drawing) are composed of eight or more pieces of flat iron riveted together, as shown in the drawing, forming a joint of easy movement at the extremity of each piece, representing what are well known as "extension-tongs." At H is a spiral spring connected with the first movable piece S of the arm G, whose office is to keep the arm extended. At K the outward extremities of the arms G are bent at nearly right angles, and are bolted to two thin boards, which are nailed together at the corner, forming a like angle, as is seen at K, thus furnishing a stiff and light support to the lower and outer edge of canvas A. F is a roller around which cord I is wound, and to which the upper edge of the canvas is also attached. Now, by pulling cord I the canvas is wound upon the roller, the spiral spring resisting just enough to make it wind tight and smooth. Cord B is fastened at K, and passing through a slotted iron at E, is fastened to roller F, the use of which is to sustain the side curtain O, seen at fig. 2. Cord B is passed through the rings represented at the upper edge of said curtain; and when the roller winds up the cord the slotted iron at E catches the rings, allowing the cord to pass through, and thereby tucking up the side curtain nicely near the roller.

What we claim as our invention, and desire to secure by Letters Patent, is—

The combination of extension-arms G, spiral spring H, canvas A, boards K, and cord I, the whole constructed and operating as described and for the purposes set forth.

S. MILLER,
J. S. McCLELLAN.

Witnesses:

T. C. BERRY,

TH. A. PURTTEBAUGH.