

(Model.)

L. C. BENSON & E. F. PERRY.

SIDING GAGE.

No. 325,811.

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Fig. 1

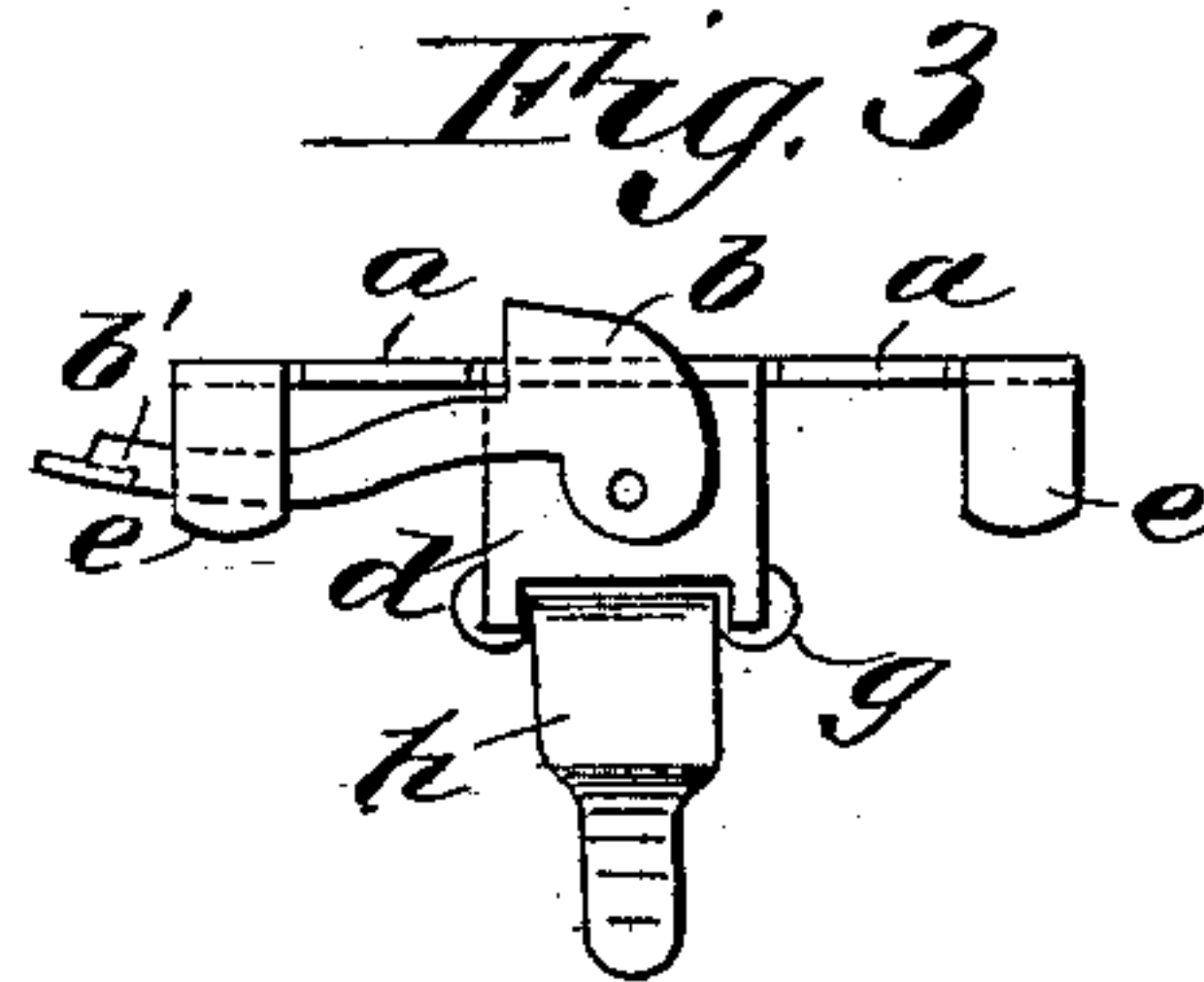
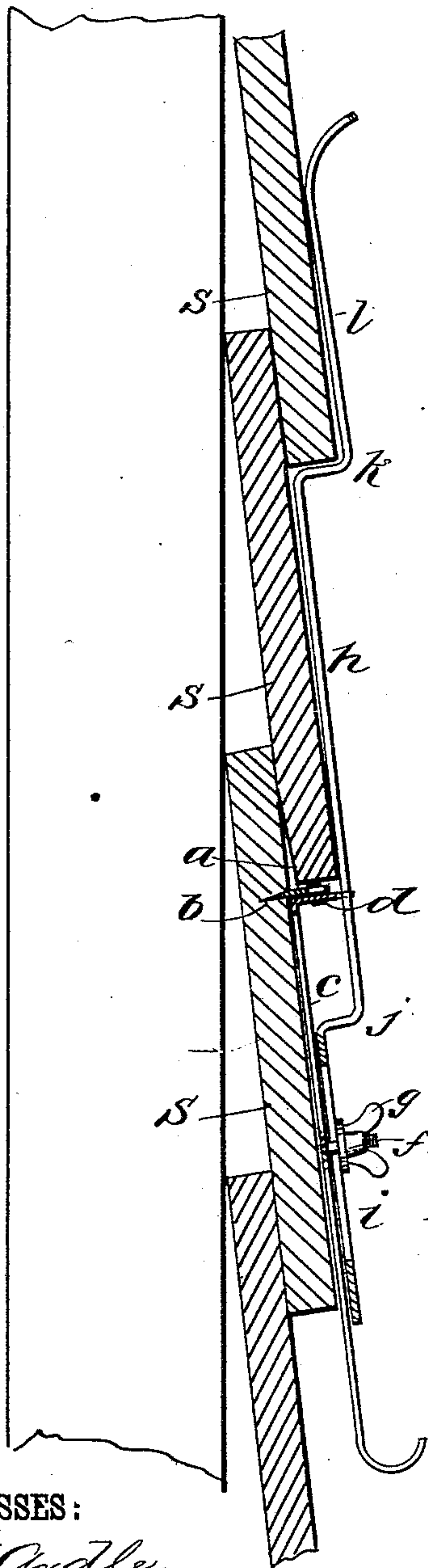


Fig. 2

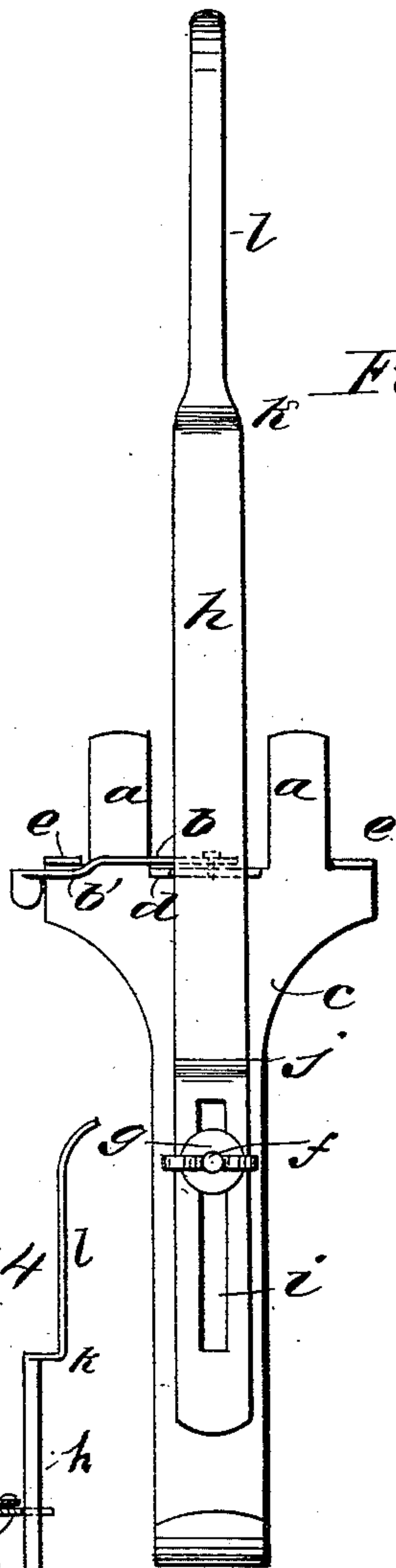
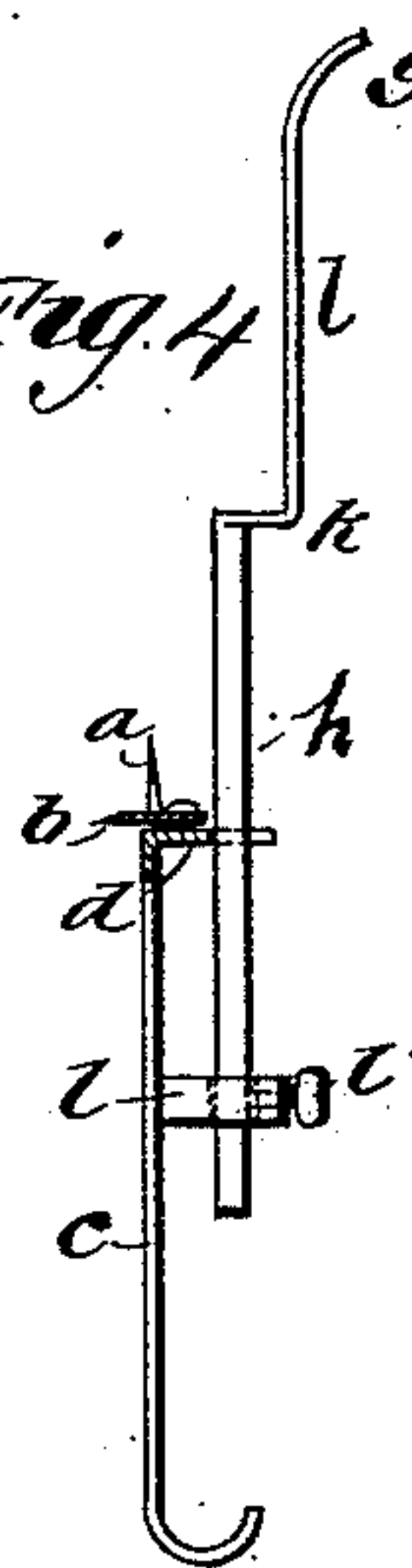


Fig. 4



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SIDING-GAGE.

SPECIFICATION forming part of Letters Patent No. 325,811, dated September 8, 1885.

Application filed March 23, 1885. (Model.)

To all whom it may concern:

Be it known that we, LEANDER C. BENSON and EUGENE F. PERRY, both of Susquehanna, in the county of Susquehanna and State of Pennsylvania, have invented a new and Improved Siding-Tool, of which the following is a full, clear, and exact description.

Reference is to be had to the accompanying drawings, forming part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a sectional elevation of the side of a building and showing the method of using our new and improved siding-tool. Fig. 2 is a front view of the tool, and Fig. 3 is a plan view of the tool. Fig. 4 shows a slightly modified form of my device.

The invention will first be described in connection with the drawings, and then pointed out in the claims.

The tool is formed with two flat tongues, *a*, that can be slipped up under the siding *S*, nailed to the building, and held in position by the cam-shaped holding-blade *b*, that cuts into the siding-board against which the tool is placed. The tongues *a* are made a part of the lower plate, *c*, of the tool, and the holding-blade *b* is pivoted to the outwardly-projecting flange *d*, forming also a part of the lower plate, *c*, said flange *d* being notched to receive the spring-arm and prevent it from being moved laterally. The holding-blade *b* is formed or provided with the arm or lever *b'* for operating it. The plate *c* is also formed with the flanges *e*, that act as stops to limit the distance the tongues *a* are forced up under the siding. and near its lower end the plate *c* is provided with a small screw-bolt, *f*, to receive the thumb-nut *g* for attaching the spring-plate *h* to the plate *c*. The plate *h* is slotted, as shown at *i*, so that it may be adjusted up or down to gage the "lap" of the siding. Above the slot *i* the plate *h* is bent outward at *j* to clear the board above the holding-blade *b*, and again at *k* to form a shoulder or support for the next siding-board to be nailed. The arm *l* above the shoulder *k* is bent to form a clasp-spring for holding the upper board close to the building ready to be nailed, so that it will not be displaced by wind or otherwise.

By adjusting the plate *h* up or down the lap of the boards may be increased or diminished, as desired.

The tool constructed as described is very convenient and cheap, and avoids the necessity of spacing, thus saving a good deal of time, and the blade *b*, while it holds the tool securely in place, does not materially mar the siding, and the tool holds the board to be nailed with sufficient firmness, so that it need not be held by hand, and in practice two of the tools will be used, one at each end of the siding-boards.

Instead of making the spring *h* flat, we may use round steel for the purpose, as shown in Fig. 4, in which case the plate *c* will be provided with an apertured arm to hold the spring, the arm being provided with a set-screw, *l'*, to adapt the spring to be adjusted up or down, as desired.

Having thus described our invention, what we claim as new, and desire to secure by Letters Patent, is—

1. As an improved article of manufacture, the siding-tool herein shown and described, the same consisting, essentially, of the flat plate *c*, formed with upward-projecting blades *a* and outward-projecting flange *d*, the holding-lever *b'*, pivoted to said flange and having a blade, *b*, the spring-plate *h*, adjustably secured to the plate *c*, in the longitudinal plane thereof, as shown, and provided with an outward bend, and an arm, *l*, extending upward therefrom, substantially as set forth.

2. In a siding-tool, the combination, with the flat plate *c* formed with upward extending blades *a*, an outward-extending notched flange, *d*, between the said blades, and outward-extending stop-flanges *e e*, of the spring-plate *h*, adjustably secured to the said plate *c*, in the longitudinal plane thereof, and bent outward and upward to form an arm, *l*, substantially as set forth.

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Witnesses:

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