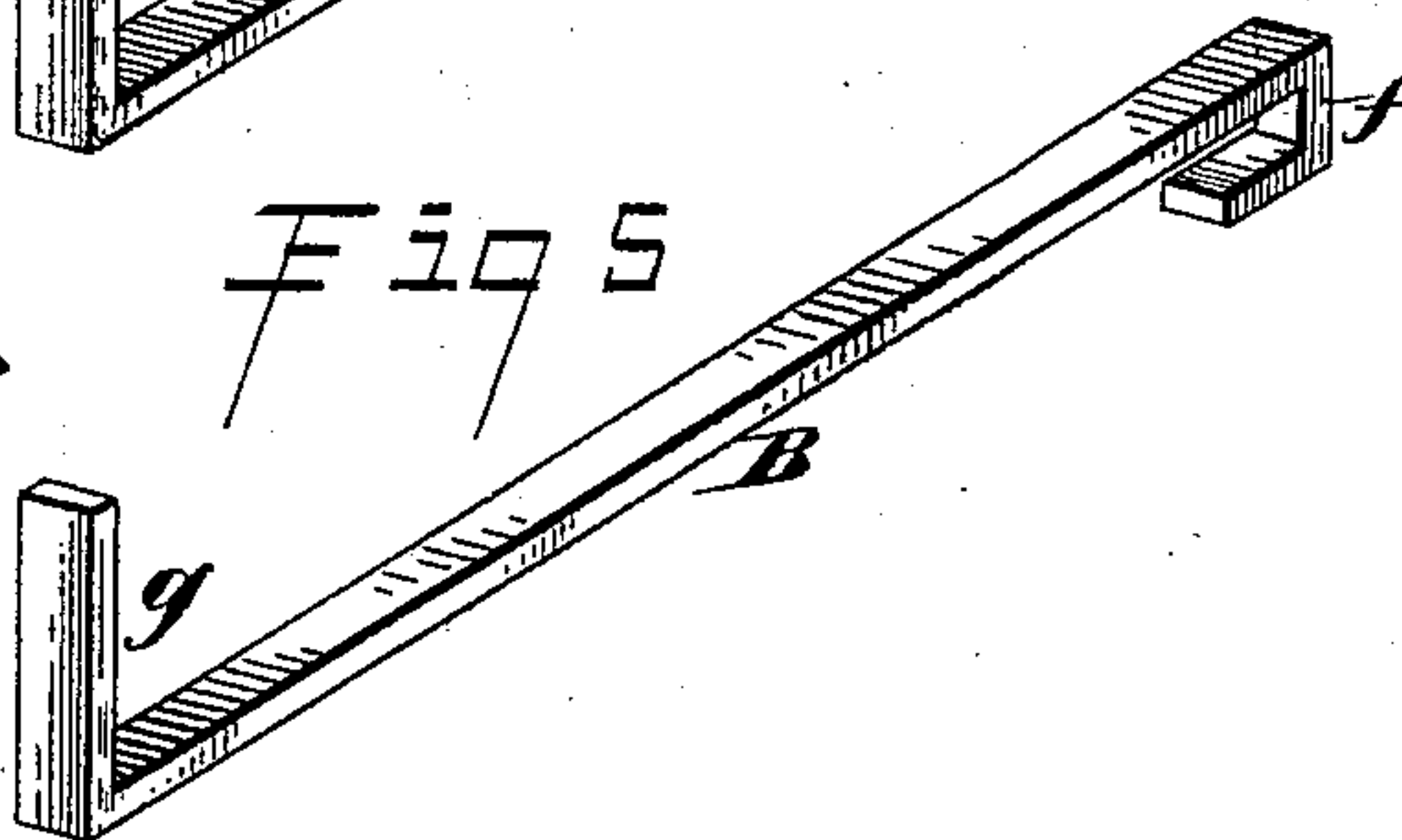
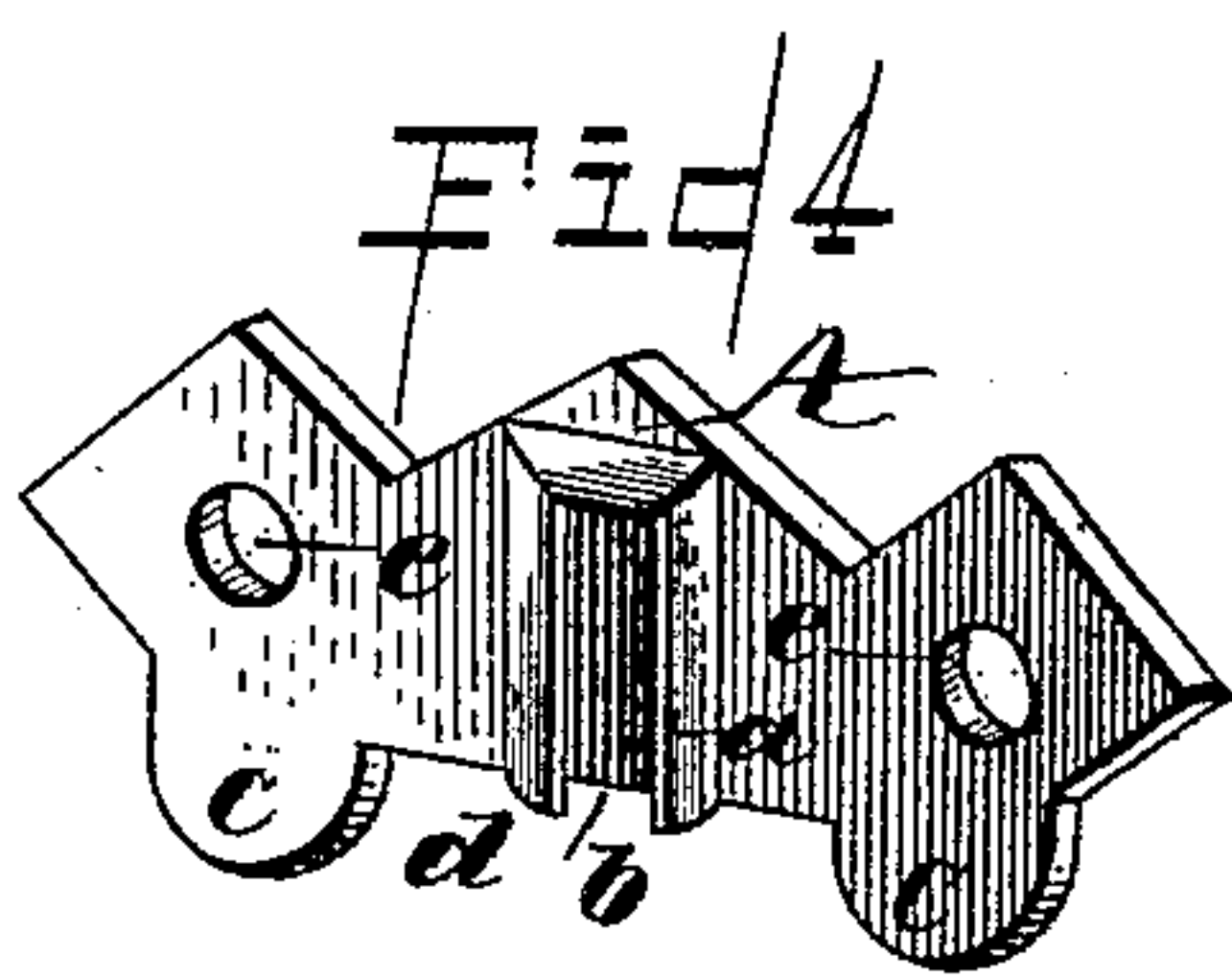
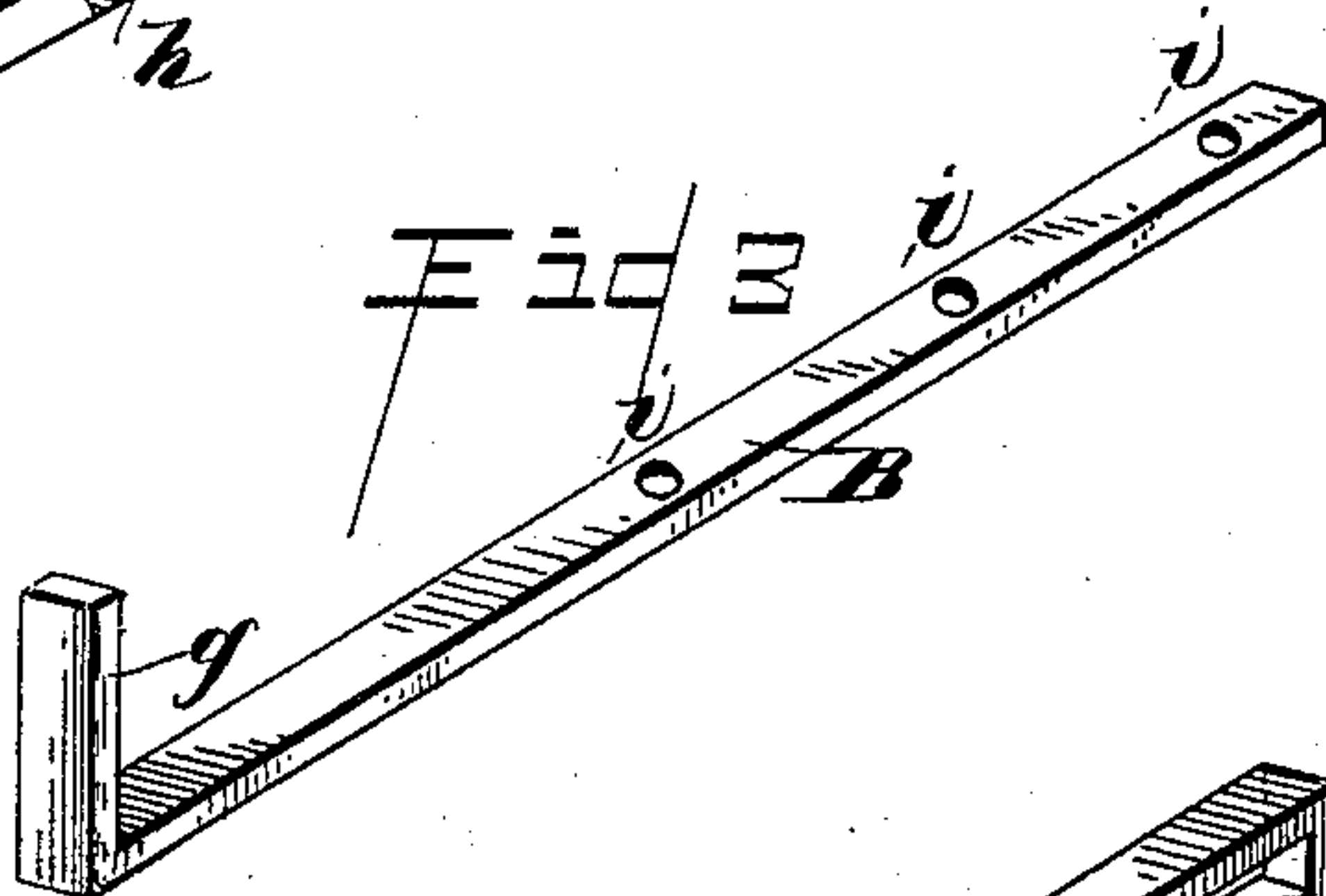
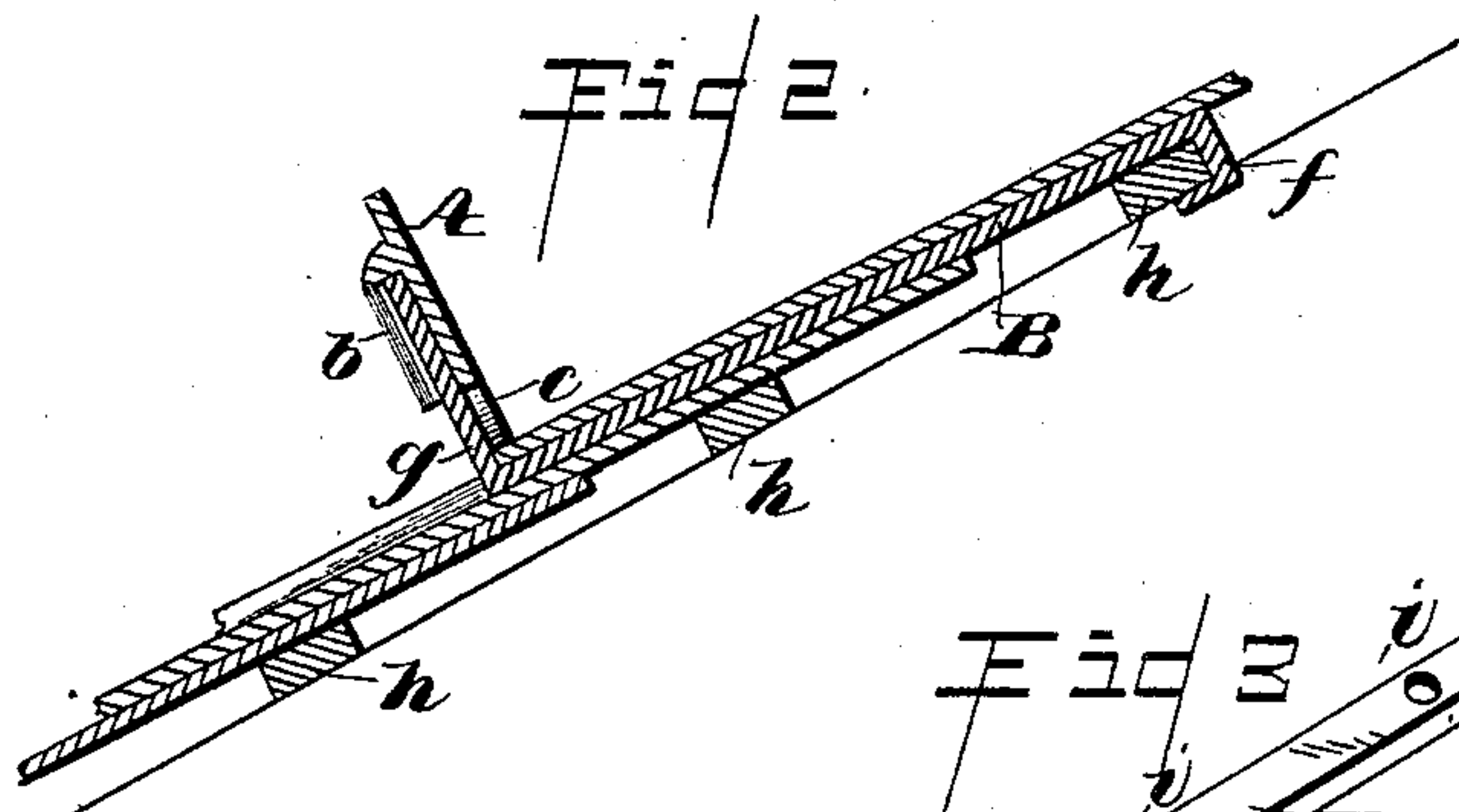
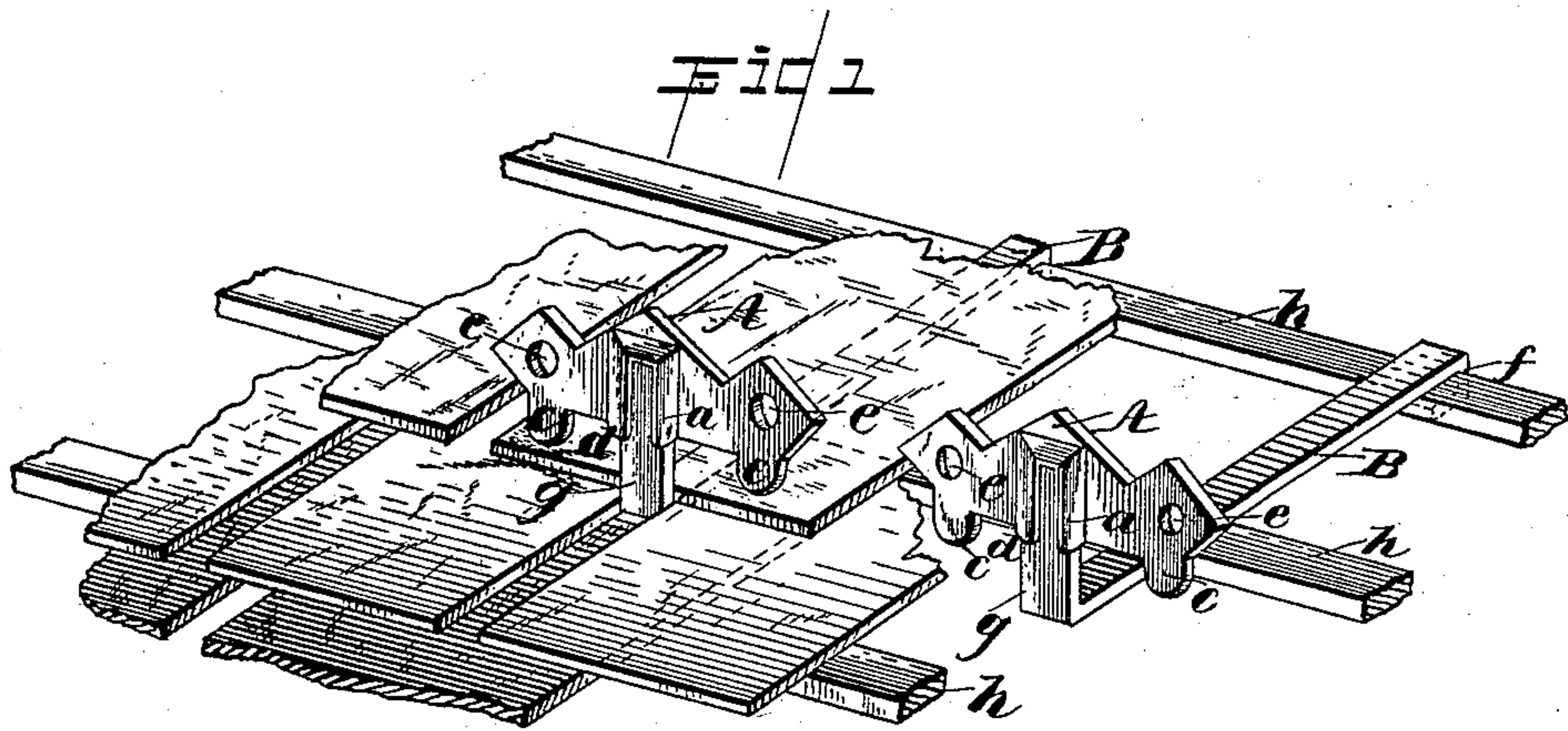


(No Model.)

A. H. BOWER.
SNOW GUARD OR FENDER.

No. 390,061.

Patented Sept. 25, 1888.



Witnesses
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UNITED STATES PATENT OFFICE.

AUGUSTUS H. BOWER, OF LEBANON, PENNSYLVANIA.

SNOW GUARD OR FENDER.

SPECIFICATION forming part of Letters Patent No. 390,061, dated September 25, 1888.

Application filed May 31, 1888. Serial No. 275,541. (No model.)

To all whom it may concern:

Be it known that I, AUGUSTUS H. BOWER, a citizen of the United States, residing at Lebanon, in the county of Lebanon and State of Pennsylvania, have invented certain new and useful Improvements in Snow Guards or Fenders; 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.

My invention relates to snow guards or fenders for the roofs of buildings, and has for its object the construction of a cheap, artistic, and durable device, which can be readily attached and detached, if necessary, without interfering with any portion of the roof.

The invention will be hereinafter described, and particularly pointed out in the claims.

In the accompanying drawings, which form part of this specification, Figure 1 is a perspective view of a roof with my improved guards attached. Fig. 2 is a vertical section of the same. Figs. 3, 4, and 5 are detail perspective views of the guard and means for securing it to a roof.

Reference being had to the drawings and the letters marked thereon, A indicates a snow-guard of my improved construction, which consists of an elongated body made of cast-iron and provided with a rectangular projection, *a*, on one side and in the center of the body, in which is a corresponding cavity or socket, *b*. On each side of the projection *a* are downwardly-projecting extensions *c*, and between said extensions is an elongated slot or passage, *d*, while above the extensions are holes *e e* through the body of the guard. The guards are secured in position by strap or foot pieces B, which are bent at right angles and in opposite directions at their ends, forming a hook, *f*, at one end and a projection, *g*, at the opposite end, which corresponds with and fits into the socket *b* of the guard.

In the use of my guard on roofs covered with slate secured to laths *h* the hook *f* engages therewith, as shown in Figs. 1 and 2; but on roofs covered with shingles attached to sheathing the hook *f* may be dispensed with and the foot-piece provided with holes *i* to secure them with screws.

In practice the guards A are about nine inches long and four inches high, the slot or passage four inches long and one inch wide, while the foot-pieces are about one inch wide and one-fourth of an inch thick, and are made of a length to correspond with the size of the slate or shingles with which the roof may be covered.

In applying my improved snow-guard to roofs the foot-pieces B are placed between two pieces of slate or shingles, so that they are covered by the overlapping slate or shingles, as shown in Figs. 1 and 2, and the guard A rests upon the slate or shingles at the extremities of its extensions *c*, thus forming a brace to the projection *g* on the foot-piece and assisting it to sustain the weight of a body of snow or ice against the guard. When the snow commences to melt, the water flows through the passage *d*, instead of backing up under the slate and leaking through the roof, as results from solid guards now in common use. The holes *e* serve to ornament the guard and also provide a means of escape for water in heavy rain-storms and during thaws of heavy bodies of snow lying upon a roof.

The guards are placed about eighteen inches to two feet apart on a roof and form a neat and ornamental attachment, while they may be easily and readily attached and detached for any purpose required, and afford ample protection against snow-slides from the roof.

Having thus fully described my invention, what I claim is—

1. A snow guard or fender having an elongated body provided with extensions to bear upon a roof and a passage between said extensions, substantially as described.

2. A snow guard or fender having an elongated body provided with a socket and extensions on its lower side, in combination with a foot-piece having a projection adapted to the socket in the guard, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

AUGUSTUS H. BOWER.

Witnesses:

P. H. REINHARD,
TOBIAS REINOEHL, Jr.