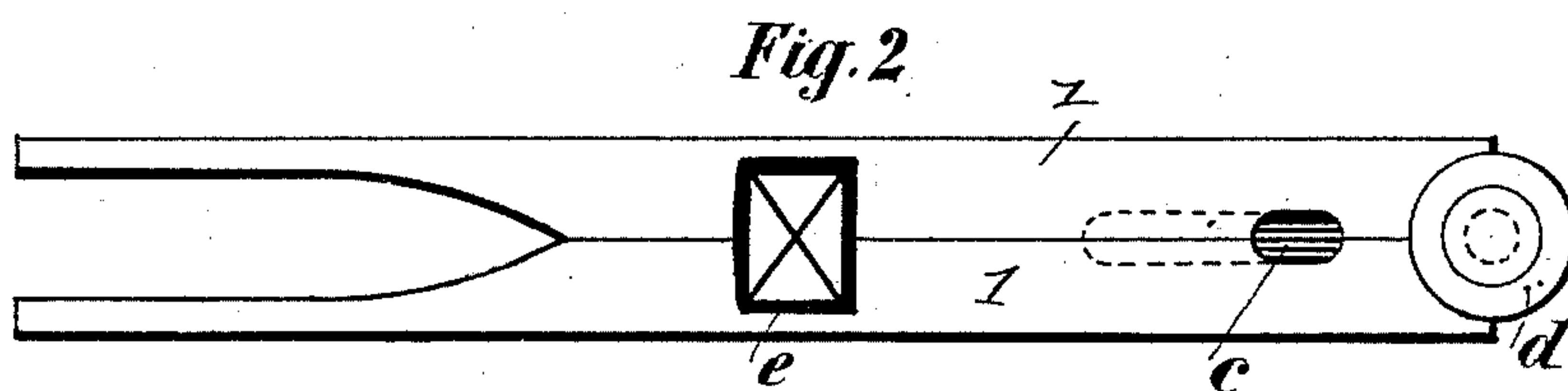
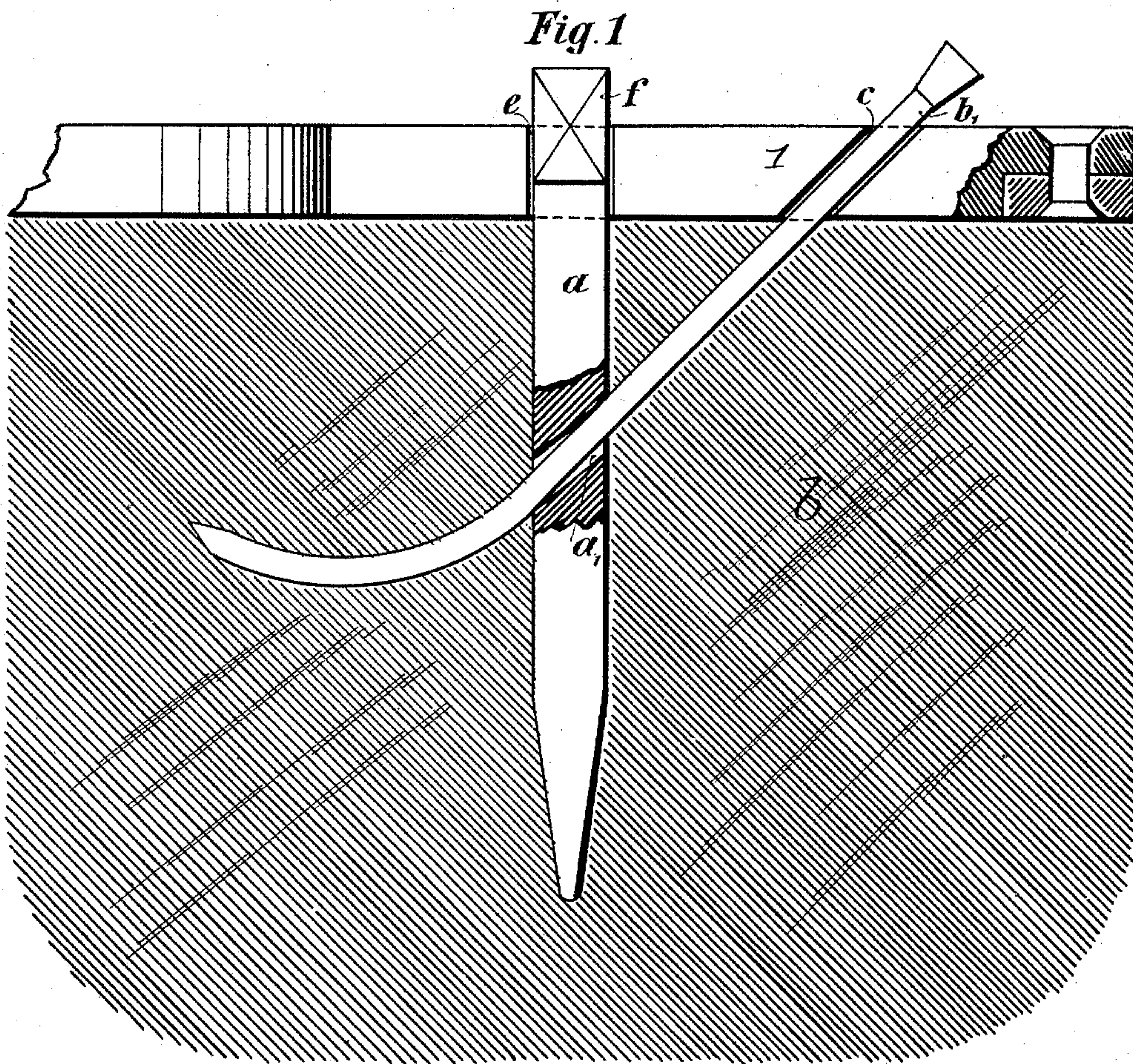


(No Model.)

C. S. v. ILANOR.
DEVICE FOR LOCKING SPIKES.

No. 485,939.

Patented Nov. 8, 1892.



Witnesses
F. Kollm.
Alfred Meisler.

Inventor
Carl Sigismund v. Ilanor
by his Attorney
Edwin A. Brydges.

UNITED STATES PATENT OFFICE.

CARL SIGMUND VON ILANOR, OF SEE VILLA, NEAR ATTERSEE, AUSTRIA-HUNGARY.

DEVICE FOR LOCKING SPIKES.

SPECIFICATION forming part of Letters Patent No. 485,939, dated November 8, 1892.

Application filed March 28, 1892. Serial No. 426,778. (No model.) Patented in England March 7, 1892, No. 4,472; in Belgium March 31, 1892, No. 98,825; in Switzerland May 17, 1892, No. 4,823, and in Austria-Hungary June 2, 1892, No. 4,159 and No. 21,257.

To all whom it may concern:

Be it known that I, CARL SIGMUND VON ILANOR, of See Villa, near Attersee, Austro-Hungarian Empire, have invented certain new and useful Devices for Locking Spikes, of which the following is a full, clear, and exact specification.

The invention has been patented in Austria-Hungary June 2, 1892, No. 4,159 and 10 21,257; in England March 7, 1892, No. 4,472; in Belgium March 31, 1892, No. 98,825, and in Switzerland May 17, 1892, No. 4,823.

The present invention relates to a device to be applied in driving in safety-nails for 15 railway-spikes. It is, as is well known, very difficult to give the safety-nail the correct inclination, so that the same will with certainty pass through the boring in the spike, and in order to overcome this difficulty I have constructed a simple device which enables the 20 safety-nail to be so driven into the sleeper that it will with certainty pass into and through the boring of the spike.

Figure 1 is a vertical section through the device and sleeper. Fig. 2 is a top view of 25 the device.

The device consists of two parts *l*, which are connected by a hinge *d*, as shown in Fig. 2. It will be understood, however, that I do 30 not wish to limit myself to this particular means for connecting the parts. The two parts are provided with a recess *e* for receiving the head *f* of the spike *a*, and with a guideway *c*, made at such an incline that the 35 safety-nail *b'* is securely guided through the tie *b* into the boring *a'* of the spike *a*.

By means of this device the workman is enabled to drive in the safety-nail so that it will always pass into the boring *a'* of the spike *a*, thus producing not only a saving in 40 material, but a considerable saving in time.

Having fully described my said invention, what I claim, and desire to secure by Letters Patent, is—

1. A device for guiding the safety-nails of 45 railroad-spikes, having the opening to receive the spike and the inclined guiding-opening to receive and direct the safety-nail, substantially as described.

2. A device for guiding the safety-nails of 50 railroad and like spikes, consisting of the separable parts *l*, having the recess *e* between them for the spike, and the second recess *c*, inclining thereto and adapted to receive and direct the safety-nail, substantially as de- 55 scribed.

3. In combination in a guiding device for the safety-nails of railroad-spikes, the two parts *l*, hinged together at one end, and each having recesses which form when the parts 60 are brought together the recess *e* for the spike and the recess for the rail, substantially as described.

In witness whereof I hereunto set my hand in presence of two witnesses.

CARL SIGMUND V. ILANOR.

Witnesses:

VICTOR TISCHLER,
Engineer.

PETER DABAU.