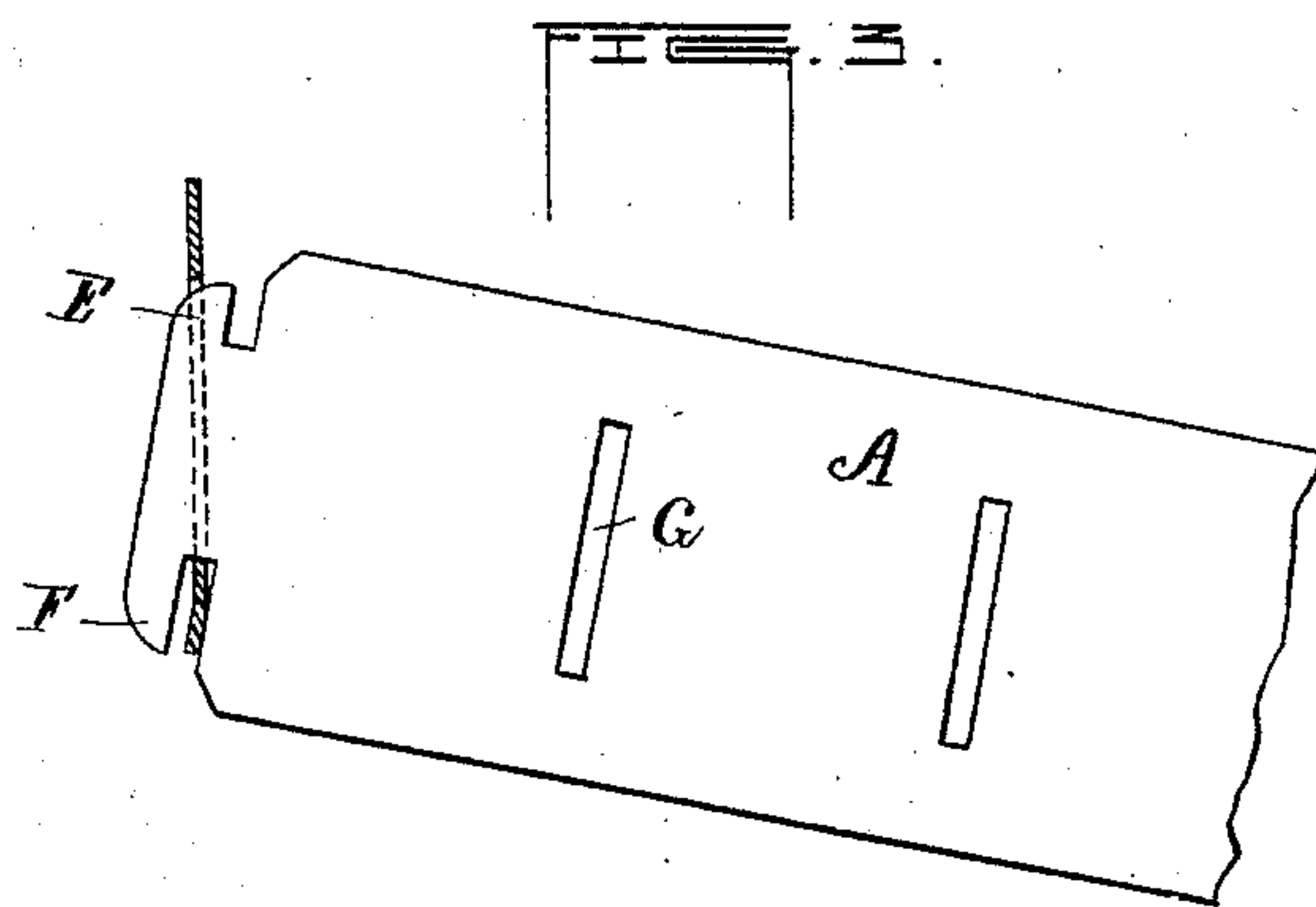
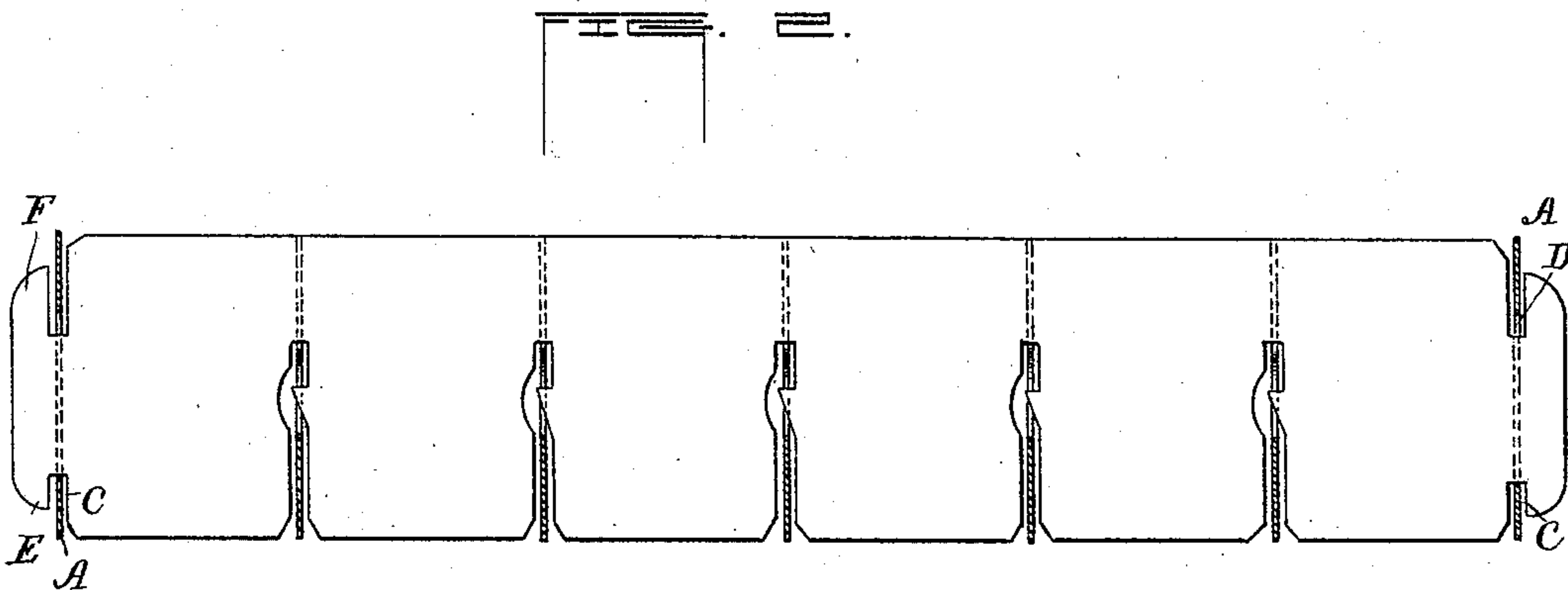
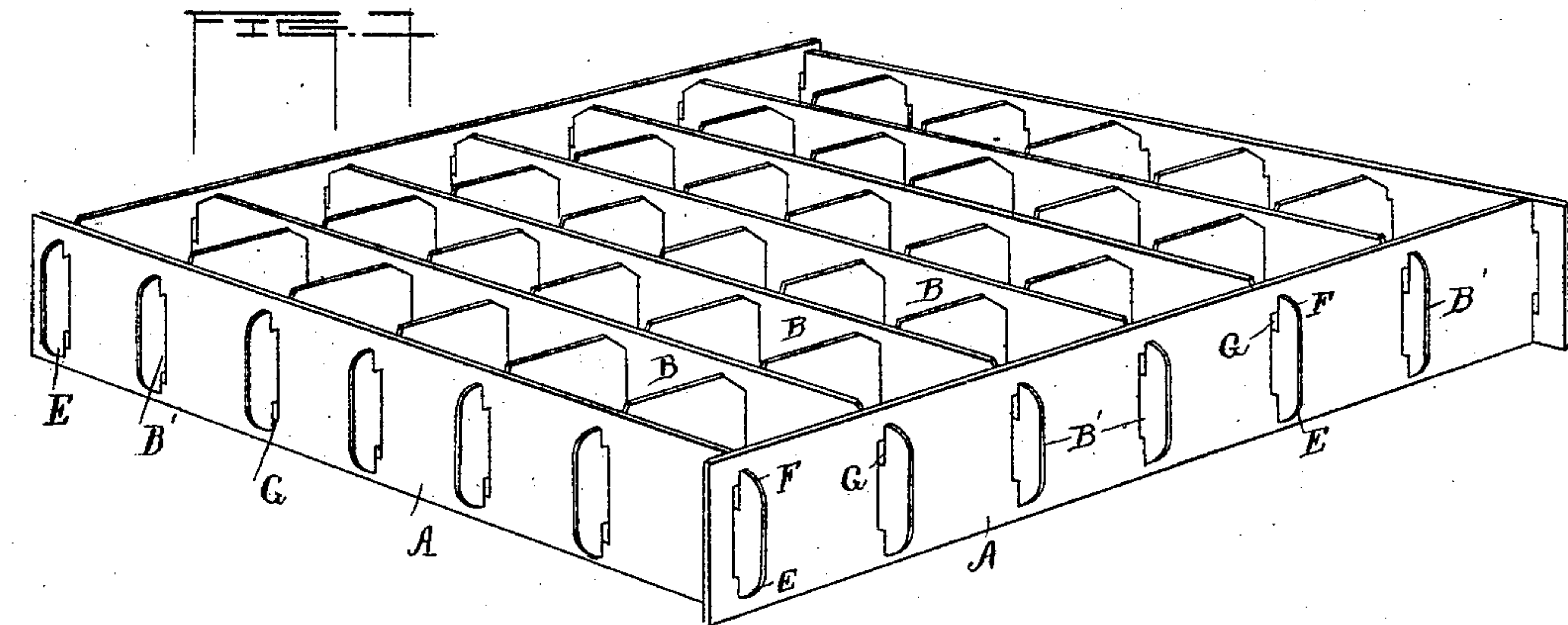


(No Model.)

H. WEIS.  
CELL CASE.

No. 452,115.

Patented May 12, 1891.



WITNESSES

*E. R. Comer.*  
*Edwin Bruce*

INVENTOR

*Henry Weis*  
*By Buttenworth Hall Brown*  
*his attorneys.*

# UNITED STATES PATENT OFFICE.

HENRY WEIS, OF BURLINGTON, IOWA.

## CELL-CASE.

SPECIFICATION forming part of Letters Patent No. 452,115, dated May 12, 1891.

Application filed August 30, 1890. Serial No. 363,580. (No model.)

*To all whom it may concern:*

Be it known that I, HENRY WEIS, a citizen of the United States, residing at Burlington, in the county of Des Moines and State of Iowa, have invented a new and useful Improvement in Egg-Carriers, of which the following is a specification.

My invention relates to egg-carriers of the class formed of pasteboard or similar strips suitably locked together; and it consists in the construction hereinafter shown and described.

Like letters refer to the same parts in the several figures of the drawings, in which—

Figure 1 is a perspective view of the egg-carrier complete. Fig. 2 is a cross-section of the same. Fig. 3 is a side elevation of one of the outer strips of the carrier and a section of the companion piece into which said outer piece interlocks.

In egg-carriers previously made by me the outer strips were locked together in a manner similar to that shown at the points between the two ends of the strip shown in Fig. 2, in which I now find a convenient way of securing the interior strips together. By this method just referred to the one strip was provided with a curved slot and corresponding lip, which latter was fitted into a vertical slot made in the end of another strip, and consequently the weight of the eggs caused a severe strain upon the lip which held the two strips together, and unless the strips were made of heavy material the lip often broke or bent under the strain and so unlocked the strips. According to my present invention the outer strips are locked together and the outer ends of the interior strips locked to such outer strips by a different and improved joint. The outer strips, which are lettered A, are formed with a series of vertical slots at suitable intervals to adapt them to the heads of the other strips, and these heads have upon them tenons of a T shape, but with one arm of the T longer than the other. I prefer to make one arm of the T about twice as long as the other; but it is manifest that these proportions may be varied. The longer arm I letter F, and the shorter arm E. The deeper groove formed between the body of the strip and the longer arm of the T I letter D, and the shallow groove I letter C.

The letter G designates the vertical slots in the outer strip, and the letter B designates the main body of the interior strips, and the letter B' designates the heads of the interior strips. The vertical slots G must be of such a length that they will enable that section of the head which is included between the bottom of the deeper groove and the top of the shorter arm of the T to readily pass through such vertical slot.

In arranging the strips to form the carrier the two outer strips at right angles to each other should have the positions of the heads of the interior strips reversed; or, in other words, the longer arm of the T-head should be arranged at the bottom of the vertical slot in the one strip and the shorter arm of the T-head should be arranged at the bottom of the slot in the strip at right angles to the first-mentioned strip. In this way accidental unlocking and displacement of the strips is avoided.

The interior interlocking joints may be made of any suitable kind, and I find it convenient to employ the kind shown in Fig. 2, which is not well adapted to form the outer joints.

Instead of having the heads of all interior strips formed according to my improved method and locking into the outer strips in this manner, I may construct the joint between the heads of the interior strips and the bodies of the outer strips in any other well-known way, inasmuch as I find that in most cases it will suffice to use my improved joint as a connection between the outer strips only; or I sometimes employ one or two of my improved joints for locking the interior strips to the outer strips and lock the other interior strips in some other manner.

It is obvious that other modifications may be made in the details of my invention without departing from the spirit thereof, and I do not wish to be understood as confining myself precisely to the form described and illustrated.

What I claim, and desire to secure by Letters Patent, is—

1. In an egg-carrier, the combination of a plurality of strips having tenons provided with arms of unequal length, and the outer strips of the carrier having vertical slots



formed in the body thereof, with the edges of which slots the arms of the tenons are arranged to directly engage, substantially as and for the purpose set forth.

5 2. In an egg-carrier, the combination of a plurality of strips having their ends formed with tenons provided with arms of unequal length, and a series of such strips having vertical slots formed in the body thereof, with  
10 the edges of which slots the arms of the

tenons are arranged to directly engage, and some of the tenons of the strips of the carrier reversely placed with reference to others of said carrier, substantially as and for the purpose set forth.

HENRY WEIS.

Witnesses:

B. F. PALMER,  
FRANK O. WEIS.