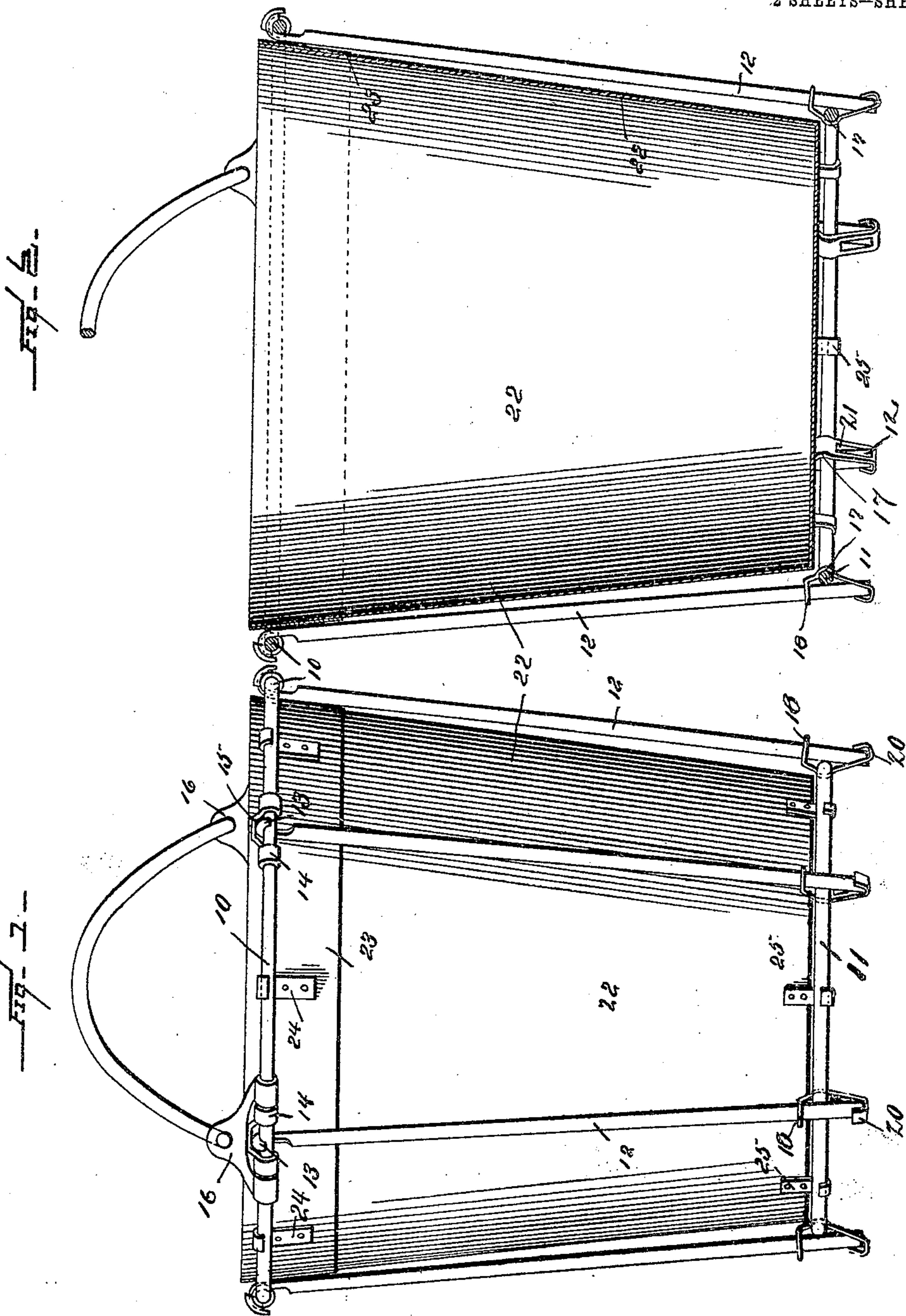


No. 801,233.

PATENTED OCT. 10, 1905.

C. E. FRANK.
COLLAPSIBLE BUCKET.
APPLICATION FILED MAY 11, 1905.

2 SHEETS—SHEET 1.



WITNESSES:
H. F. Kaye.
M. Schmidt

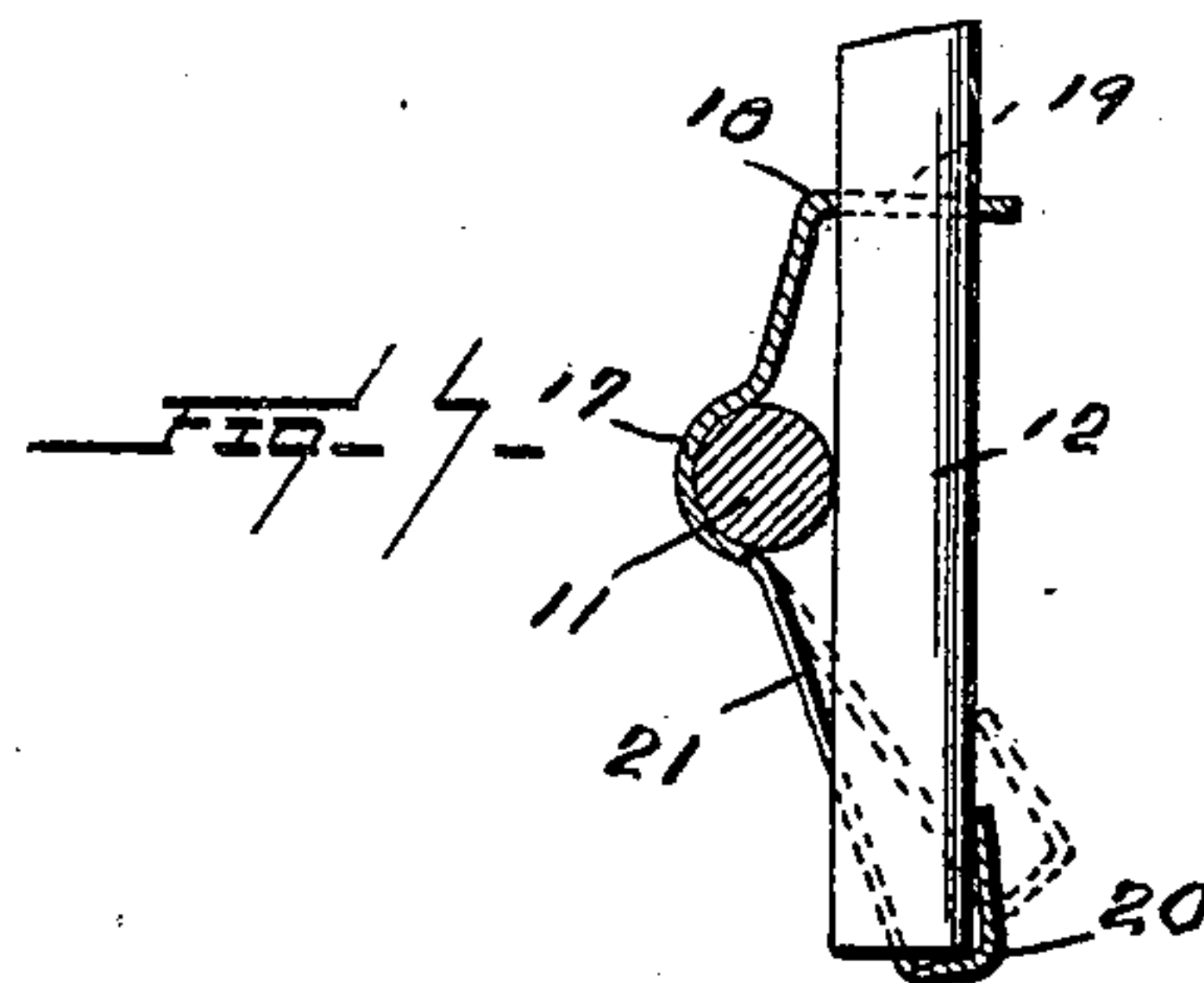
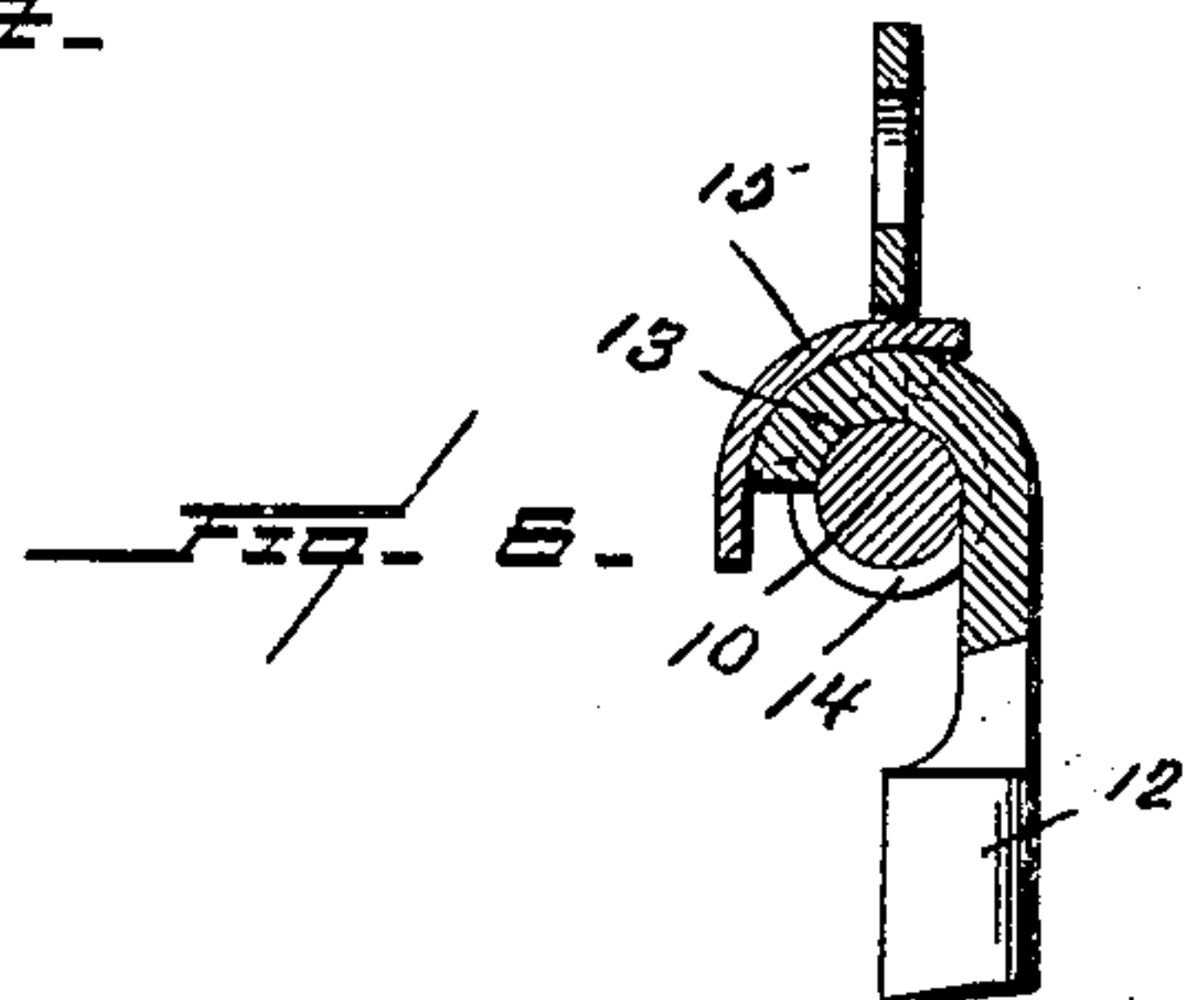
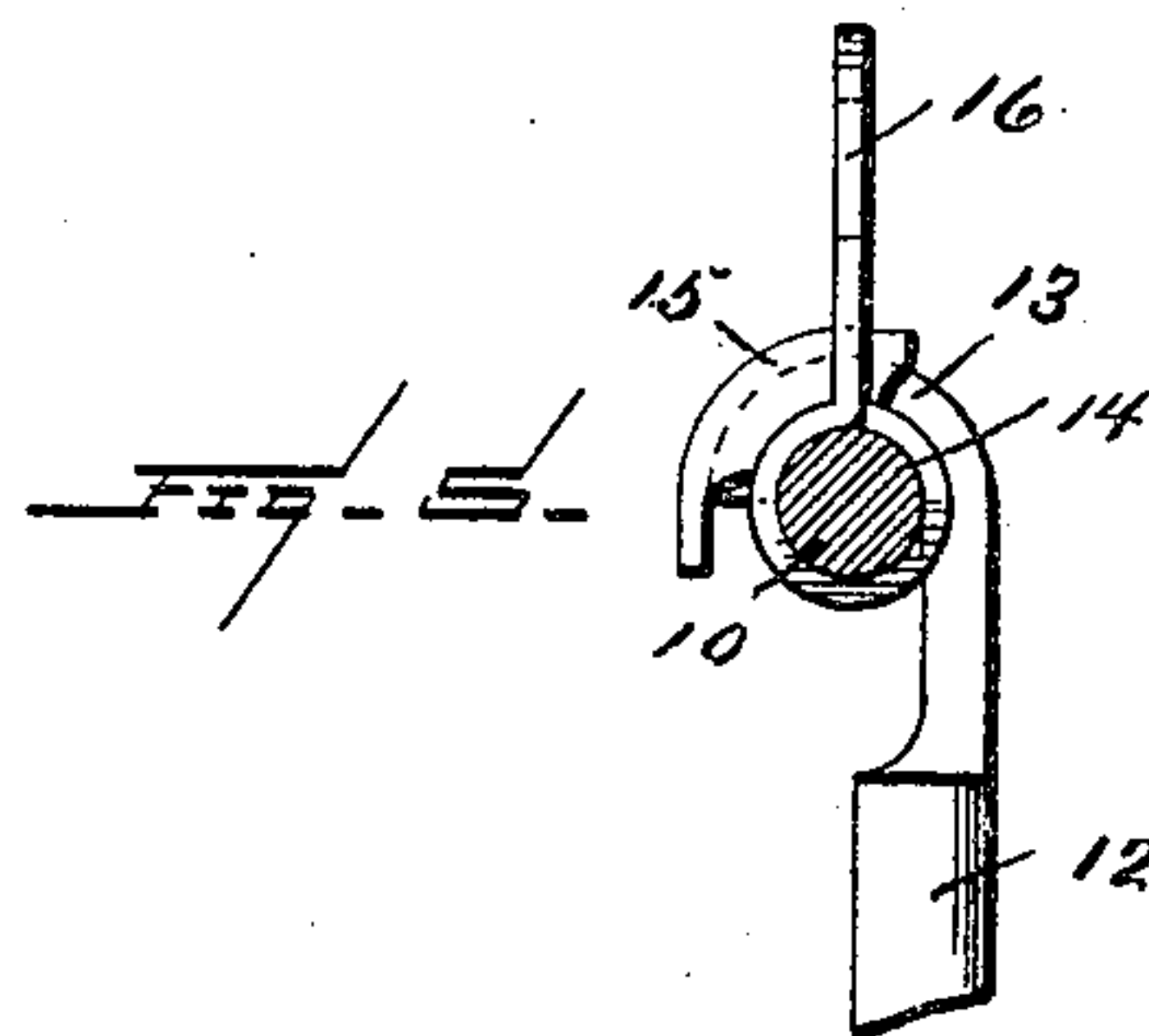
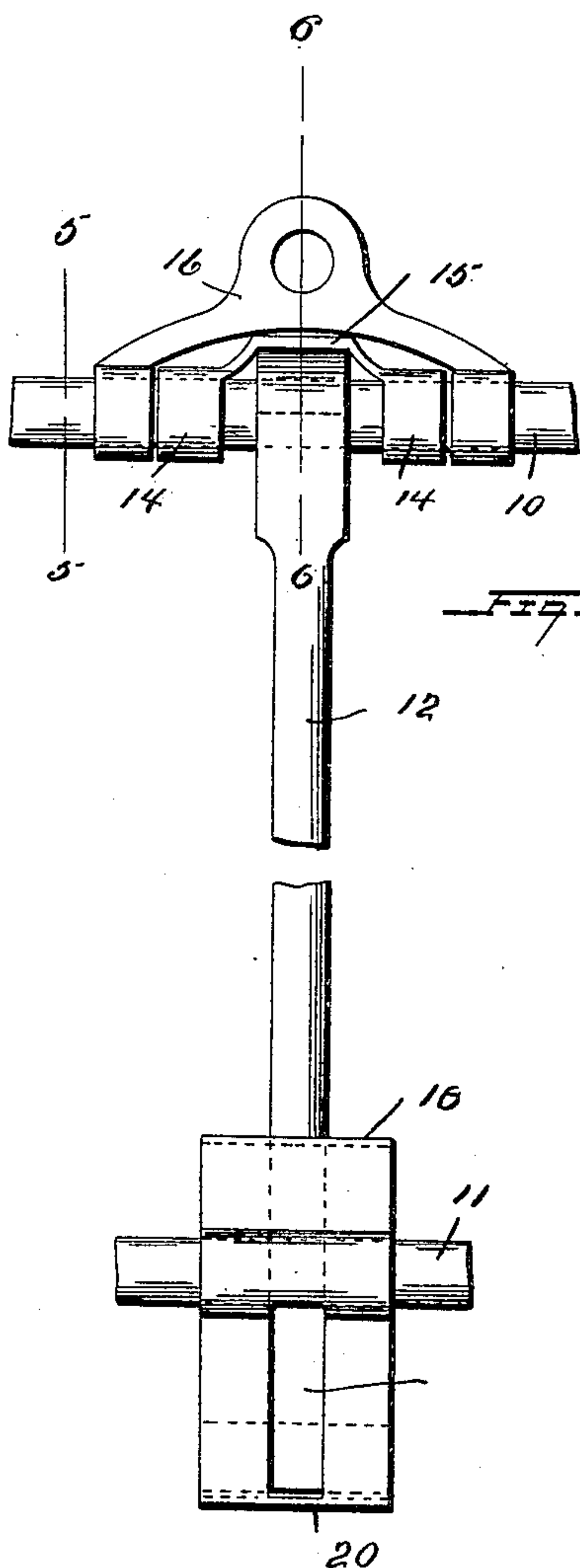
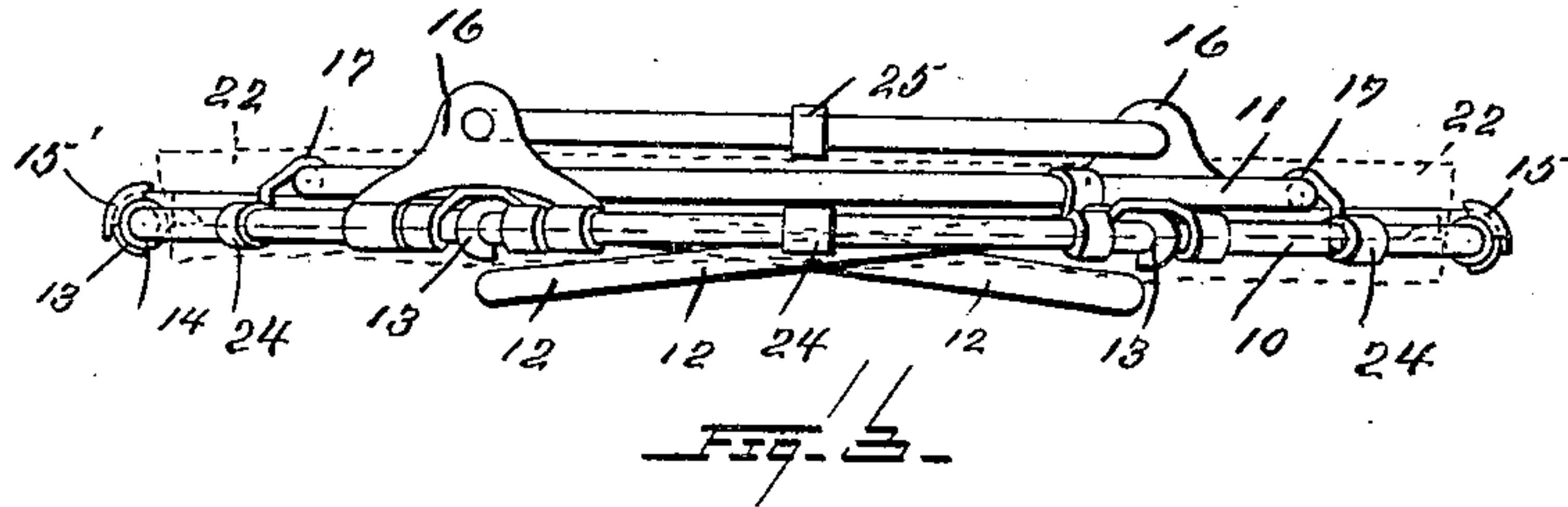
Carroll E. Frank INVENTOR
By *Milo B. Stern & Co.* Attorneys

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2 SHEETS—SHEET 2.



WITNESSES
M. F. Key
Maschmidt

INVENTOR
Carroll E. Frank
BY
Milo B. Stern & Co. Attorneys

UNITED STATES PATENT OFFICE.

CARROLL E. FRANK, OF BOSTON, MASSACHUSETTS.

COLLAPSIBLE BUCKET.

No. 801,233.

Specification of Letters Patent.

Patented Oct. 10, 1905.

Application filed May 11, 1905. Serial No. 259,918.

To all whom it may concern:

Be it known that I, CARROLL E. FRANK, a citizen of the United States, residing at Boston, in the county of Suffolk and State of Massachusetts, have invented new and useful Improvements in Collapsible Buckets, of which the following is a specification.

My invention is a collapsible bucket or pail, and more particularly one having a body made of canvas or other flexible material which is supported in a knockdown frame.

The invention has for its object certain novel features of construction with respect to the frame and the means for securing the bucket-body thereto, as will be hereinafter described and claimed.

In the accompanying drawings, Figure 1 is an elevation of the bucket distended. Fig. 2 is a vertical sectional view. Fig. 3 is an elevation of the collapsed bucket. Fig. 4 is an inside elevation of one of the rods connecting the top and bottom rings of the frame, showing the means for their attachment. Fig. 5 is a vertical section on the line 5 5 of Fig. 4. Fig. 6 is a vertical section on the line 6 6 of Fig. 4. Fig. 7 is a vertical section of the bottom clip.

The frame of the bucket comprises top and bottom rings 10 and 11, respectively, which are connected by spacing-rods 12. At the top the rods are formed with outwardly-presented hooks 13, extending over the top ring. Retaining-clips are provided to prevent the hooks from slipping off. The clips are formed at their ends with clasps 14, which are bent around the ring and brazed or otherwise securely fastened thereto. Between the clasps the clip is shaped to overlap the hook, as at 15. Bail-ears 16 are also provided, which are fastened to the top ring in the same manner as the clips.

The rods are fastened to the bottom ring 11 by a clip comprising a flat spring-metal plate which is shaped, as at 17, to fit over the inner side of the ring and has at the top a lateral extension 18, which is apertured, as at 19, to receive the rod. The lower end of the clip is shaped to form a hook 20, into which the lower end of the rod extends and is supported. The hook is slotted, as at 21, for a purpose to be hereinafter described.

The bucket-body 22 is made of canvas or other flexible material. At the top a strip 23 is sewed to the body on the outside thereof, to which strip hooks 24 are secured, which engage the top ring to secure the body in the frame. At the bottom of the body hooks 25 are secured, which engage the lower ring.

To collapse the bucket, the hooked ends 20 of the bottom clips are pushed outwardly, as shown by dotted lines in Fig. 7, so as to bring the rods in line with the slots 21. The bottom ring can then be slid upwardly on the rods to the position shown in Fig. 3, bringing the rods to substantially a horizontal position and flattening out the whole structure, so that it can be readily transported. To distend the bucket, the lower ring is pushed or pulled down until the hooks 20 carried thereby engage under the lower ends of the rods, which they do when the canvas is taut, after which the elasticity of the fabric keeps the hooks in proper position.

Having thus described my invention, what is claimed as new, and desired to be secured by Letters Patent, is—

1. In a collapsible bucket a frame comprising top and bottom rings, rods connecting said rings, and having sliding connections with one of them, and a flexible bucket-body secured in the frame.

2. A collapsible bucket-frame comprising top and bottom rings, rods extending therebetween and flexibly connected at one end to the top ring, and fastening means for the other ends of the rods extending around the bottom ring and slidable on the rods.

3. A collapsible bucket comprising top and bottom rings, a fabric body connected thereto, spacing-rods hinged to the top ring, and clips connecting the bottom ring and the rods and slidable on the rods.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

CARROLL E. FRANK.

Witnesses:

JOHN P. REYNOLDS,
HENRY O. MILLER.