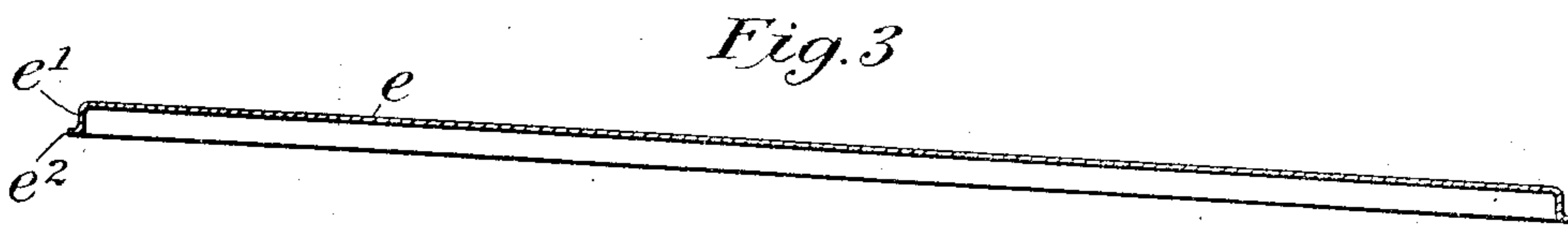
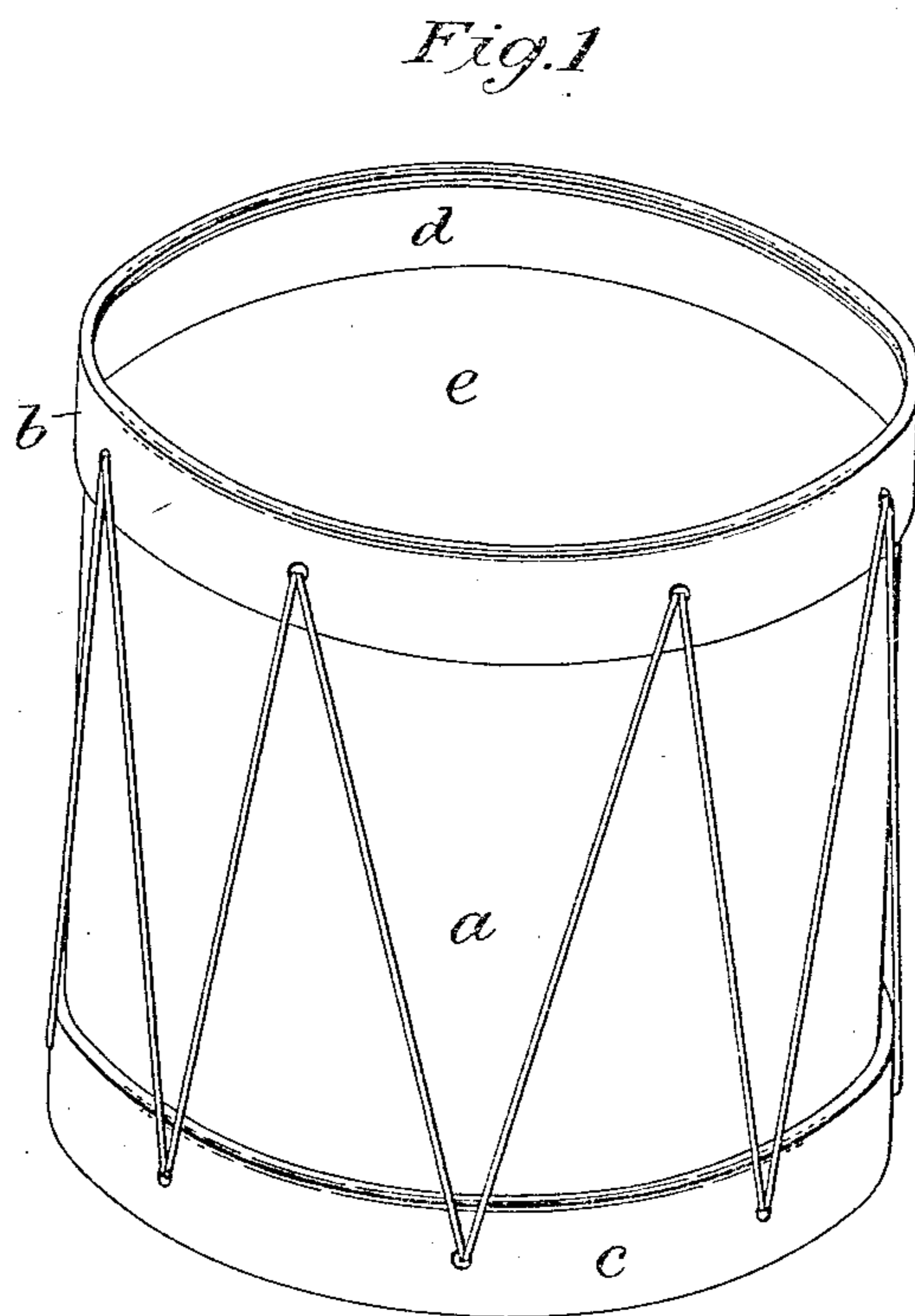
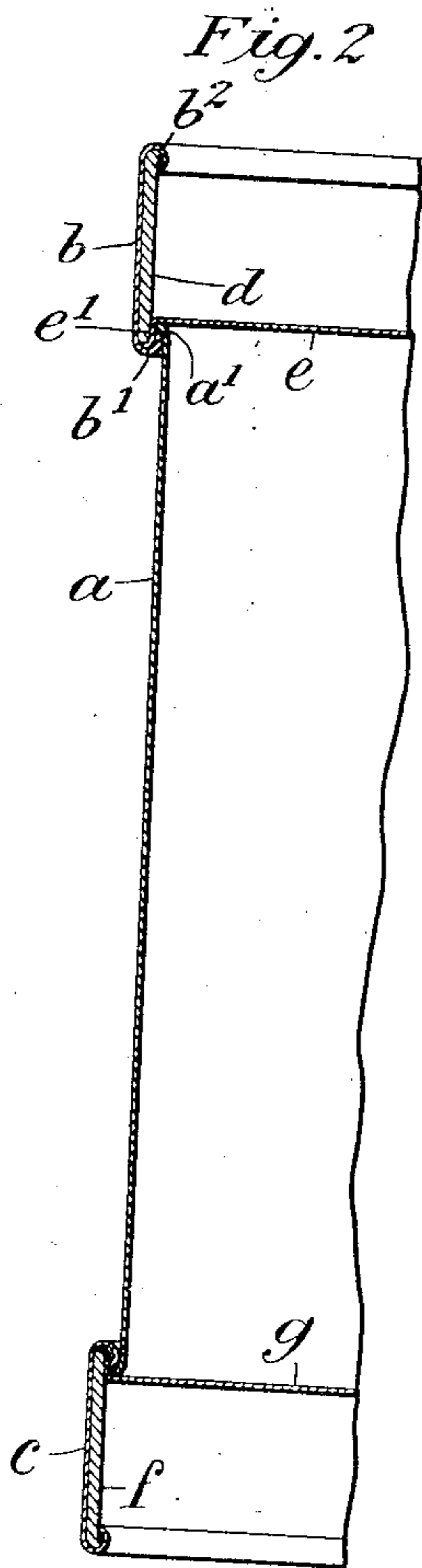


No. 879,521.

PATENTED FEB. 18, 1908.

J. CHEIN.
TOY DRUM.

APPLICATION FILED OCT. 5, 1907.



Witnesses:
Justin A. Pallard
William Lyman

Inventor:
J. Chein
by Andrew F. Wilson Jr.
his Attorney.

UNITED STATES PATENT OFFICE.

JULIUS CHEIN, OF NEW YORK, N. Y.

TOY DRUM.

No. 379,521.

Specification of Letters Patent.

Patented Feb. 13, 1908.

Application filed October 5, 1907. Serial No. 396,018.

To all whom it may concern:

Be it known that I, JULIUS CHEIN, a citizen of the United States, residing at the borough of Manhattan, in the city of New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Toy Drums, of which the following is a specification.

My invention relates to improvements in toys, and the object of my device is to provide a simple and instructive toy. I attain this object by the device illustrated in the accompanying drawings in which

Figure 1 is a view of the device complete. Fig. 2 is a sectional view and Fig. 3 is a view of the diaphragm.

Similar letters refer to similar parts throughout the several views.

A strip of sheet metal *b* having its ends brought together in a cylindrical form is provided with bent over edge sections *b*¹ *b*². A strip of card-board or other non-resonant substance *d* is placed within the band *b*. The diaphragm *e* having its edge section *e*¹ bent downwardly and its extreme edge section *e*² bent outwardly, is placed within the band *b* and a cylindrical band *a* having one edge section *a*¹ inserted beneath diaphragm *e* within the bent over edge section *b*¹ of the band *b* is held in place by pressure applied in the usual manner to the surrounding edge section of the band *b*. A similar cylindrical strip *c* with its cardboard member *f* and a diaphragm *g* is secured in like manner to the other edge of the cylindrical strip *a*. I insert

the strips of cardboard or similar substance within the bands *b* and *c* as I find that the metallic sound otherwise present is thus avoided and the parts are held more securely. The parts being thus assembled, the diaphragm *e* and *g* will form with the cylinder *a* and the bands *b* and *c* a toy drum which is very strong and durable. Lacing of any suitable material may be inserted in suitable apertures in the bands *b* and *c* to resemble the usual form of drum lacing.

Having thus described my invention, what I claim is:

In a drum combined with a cylindrical body having an annular edge section extending outwardly, an annular band having its edge portions overturned on the inner side thereof, a non resonant band lying in contact with the inner face of said first named band and held by said overturned edge portions and a disk-shaped diaphragm having an offset outwardly extending edge portion lying in contact with the inner face of one of said overturned edge portions, the edge section of said body being held between said last named overturned edge portion and said diaphragm.

In testimony whereof, I have signed my name to this specification in the presence of two subscribing witnesses, this third day of October 1907.

JULIUS CHEIN.

Witnesses:

JUSTIN S. GALLAND,
ADOLPH DISSIN.