

No. 701,579.

Patented June 3, 1902.

H. C. KOSSOW.  
METALLIC SEAL.

(Application filed Feb. 17, 1902.)

(No Model.)

Fig. 1.

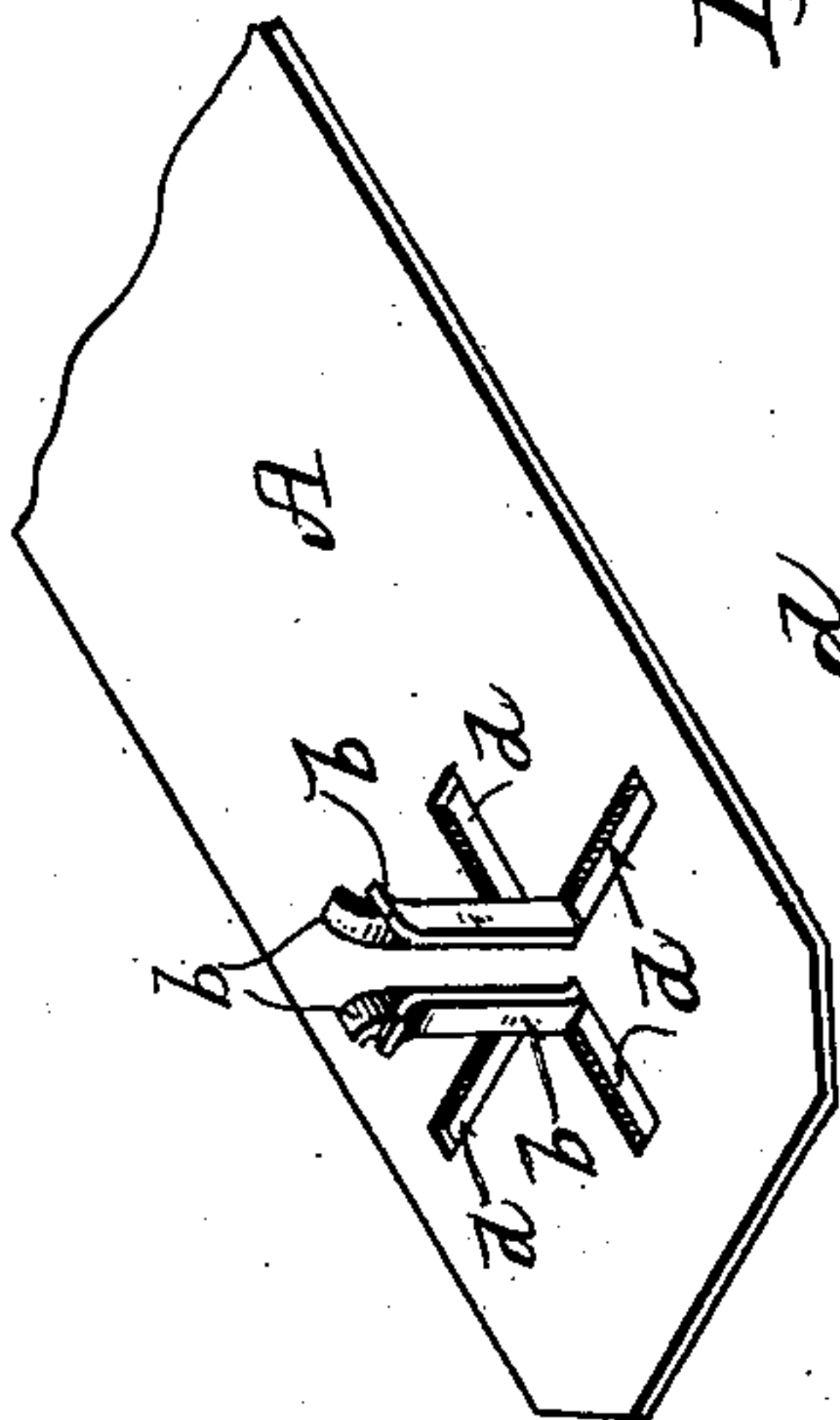


Fig. 2.

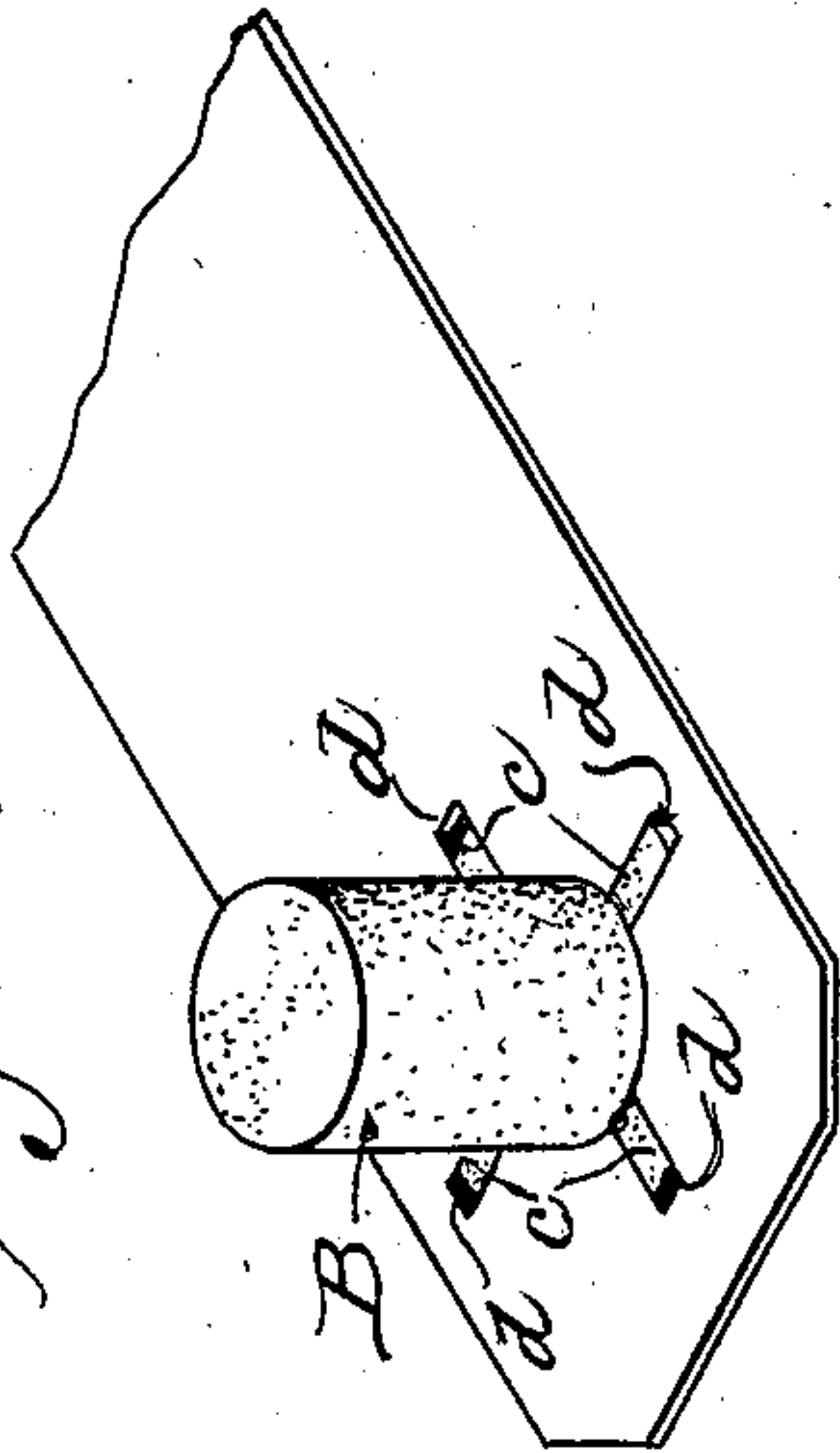


Fig. 3.

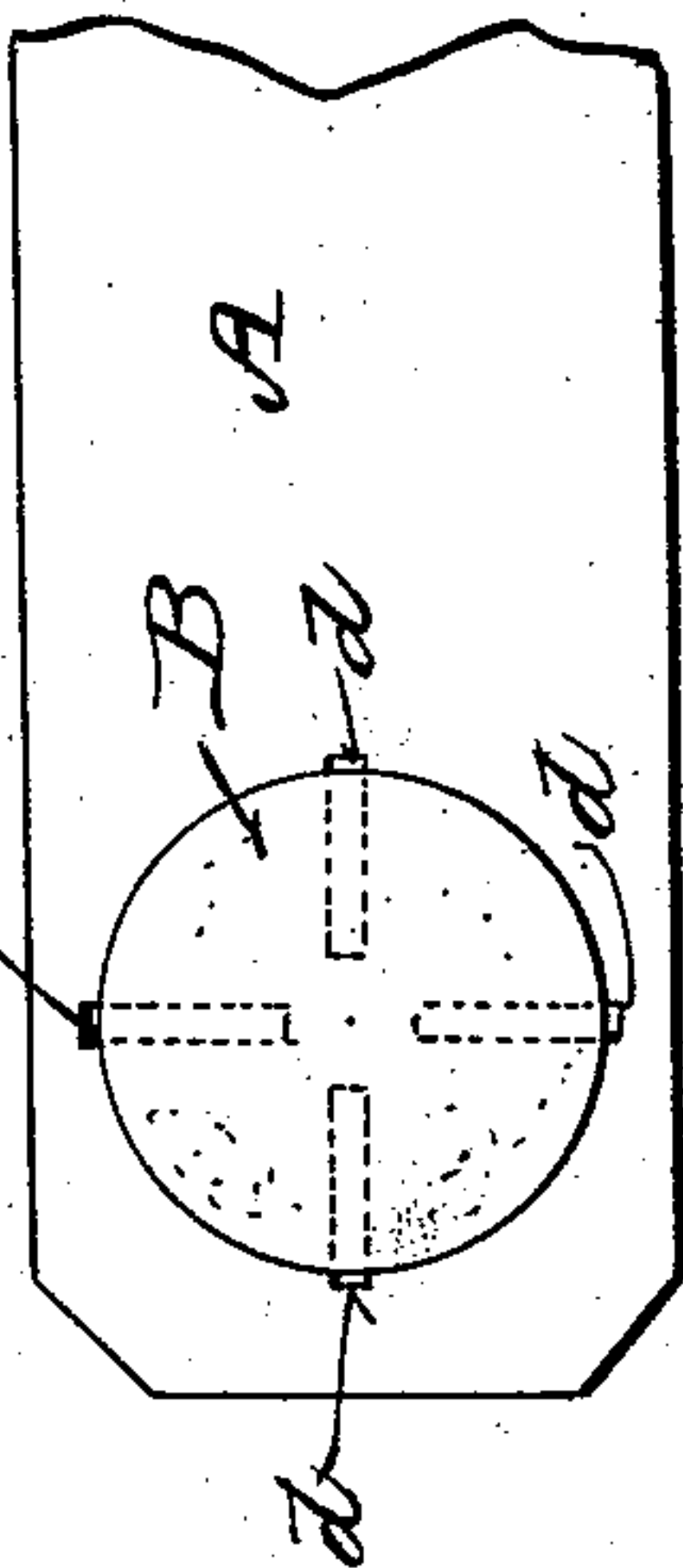


Fig. 4.



Witnesses  
Geo W Young  
N.E. Oliphant

Inventor  
Henry C. Kossow

By H. G. Underwood  
Attorney

# UNITED STATES PATENT OFFICE.

HENRY C. KOSSOW, OF MILWAUKEE, WISCONSIN.

## METALLIC SEAL.

SPECIFICATION forming part of Letters Patent No. 701,579, dated June 3, 1902.

Application filed February 17, 1902. Serial No. 94,341. (No model.)

*To all whom it may concern:*

Be it known that I, HENRY C. KOSSOW, a citizen of the United States, and a resident of Milwaukee, in the county of Milwaukee and State of Wisconsin, have invented certain new and useful Improvements in Metallic Seals; and I do hereby declare that the following is a full, clear, and exact description thereof.

The improvements consist in peculiarities of construction and combination of parts hereinafter particularly set forth with reference to the accompanying drawings and subsequently claimed, the object of the invention being to provide economical metallic seals the ends of which cannot be easily reunited after having been joined and parted, said seals being of the kind that consist of flexible metal strips having compressible metal plugs in connection therewith and which are commonly used for sealing freight-car doors, packing-case lids, and other closures.

Figure 1 of the drawings represents a perspective view of one end of the strip of one of my improved metallic seals before a compressible metal plug is molded thereon; Fig. 2, a similar view illustrating the plug in connection with the strip; Fig. 3, a plan view of one side of the plug end of the seal, and Fig. 4 a partly sectional elevation of said seal.

Referring by letter to the drawings, A indicates the flexible metal strip, and B the compressible metal plug of my improved seal. Struck up out of the strip at right angles to the same at one end thereof are a group of prongs *b*, their extremities farthest from said strip being preferably outwardly curved, as is herein shown. There are preferably four prongs at regular intervals of a circle, as is also shown, and from strip A to its outer extremity each prong is separate from all the others in the series. Plug B is molded on

strip A to have its shank embed and conceal the prongs *b*, and wings *c* of the plug-head engage slots *d*, that are formed in said strip by striking up said prongs. The other end of strip A is provided with an aperture *f*, with which plug B is engaged when the seal is utilized, said plug being compressed by a suitable tool to upset its end that extends through the strip-aperture. Upsetting of the plug tends to spread the strip-prongs and weaken the same in their bends where the metal is already brittle, and the metal in said plug is chilled where it has contact with the strip and prongs of same. Consequently said plug is brittle next its head, and experiment has demonstrated that parting of the joined ends of a seal will cause the upset plug portion of same with said prongs to break short off from said strip. Hence the seal cannot be easily reunited at its ends to have the appearance of being unbroken.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

A metallic seal comprising a flexible metal strip having a plurality of prongs struck up out of one end thereof all clear of one another from the strip to their outer extremities, and a compressible metal plug molded on said strip to embed and conceal the prongs of same, the plug-shank being engageable with an aperture provided in the other end of the aforesaid strip.

In testimony that I claim the foregoing I have hereunto set my hand, at Milwaukee, in the county of Milwaukee and State of Wisconsin, in the presence of two witnesses.

HENRY C. KOSSOW.

Witnesses:

HELEN KOSSOW,  
N. E. OLIPHANT.