

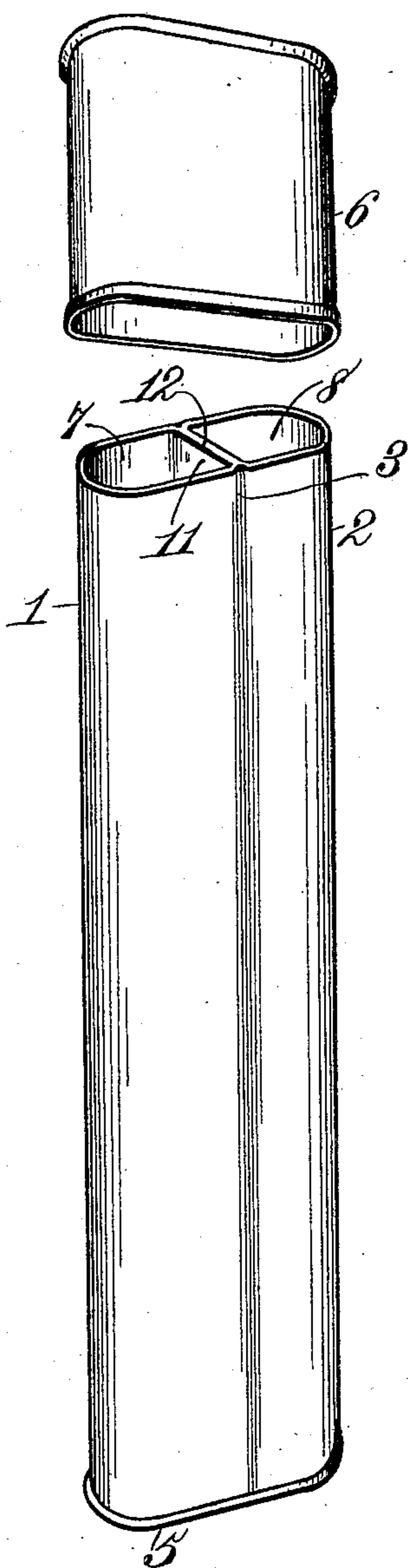
No. 863,447.

PATENTED AUG. 13, 1907.

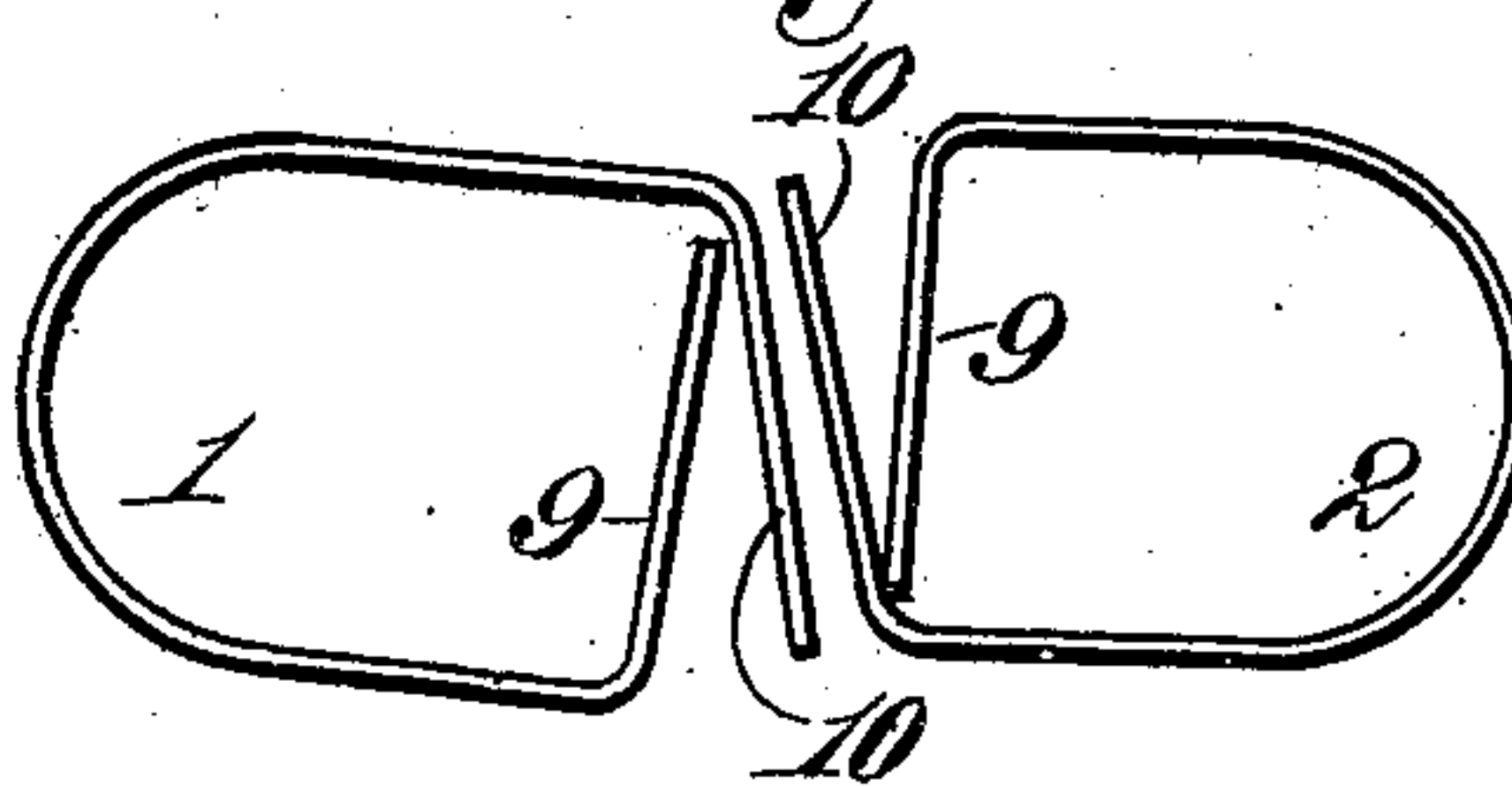
C. H. RICE.  
SQUIB BOX.

APPLICATION FILED FEB. 2, 1907.

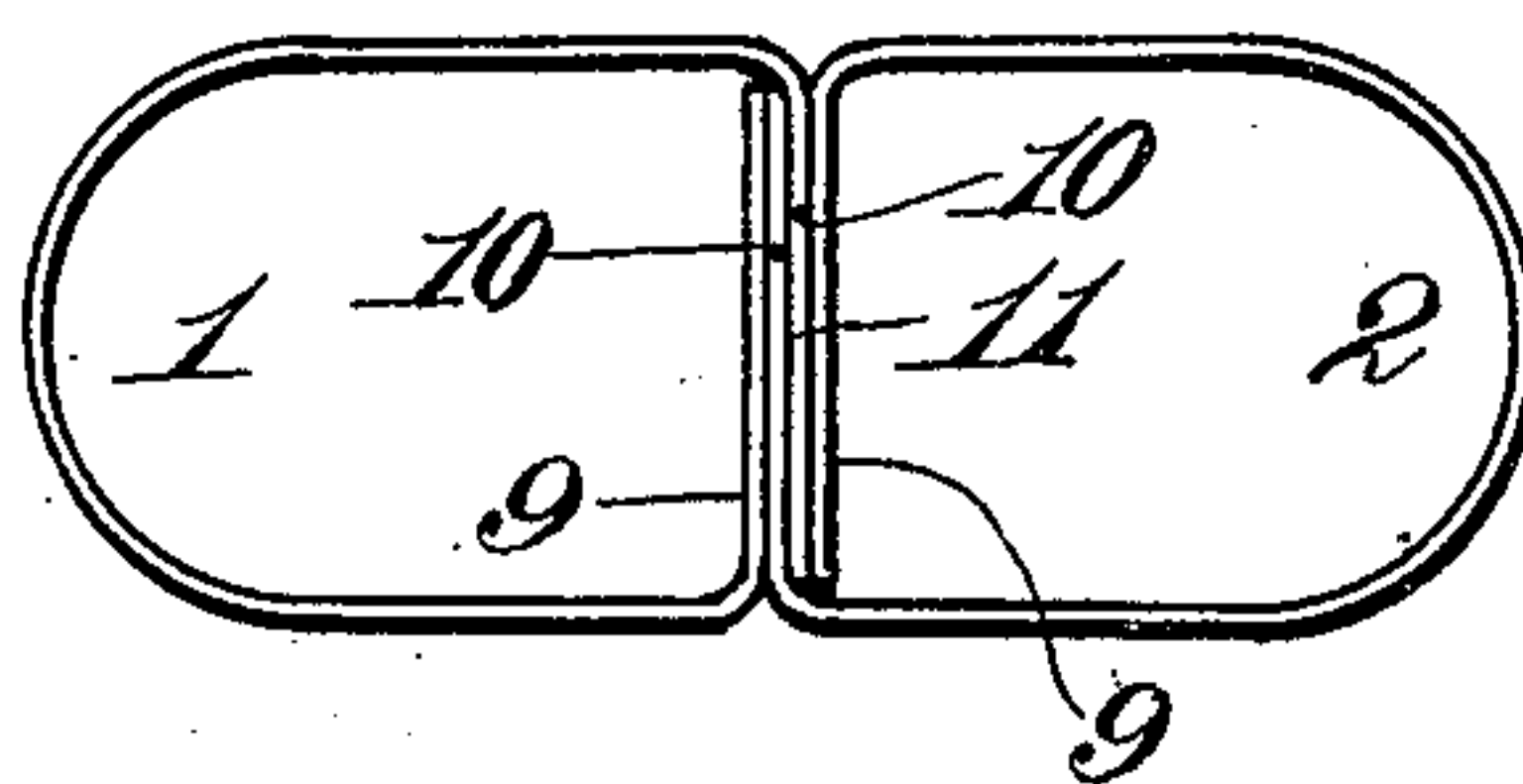
*Fig. 1.*



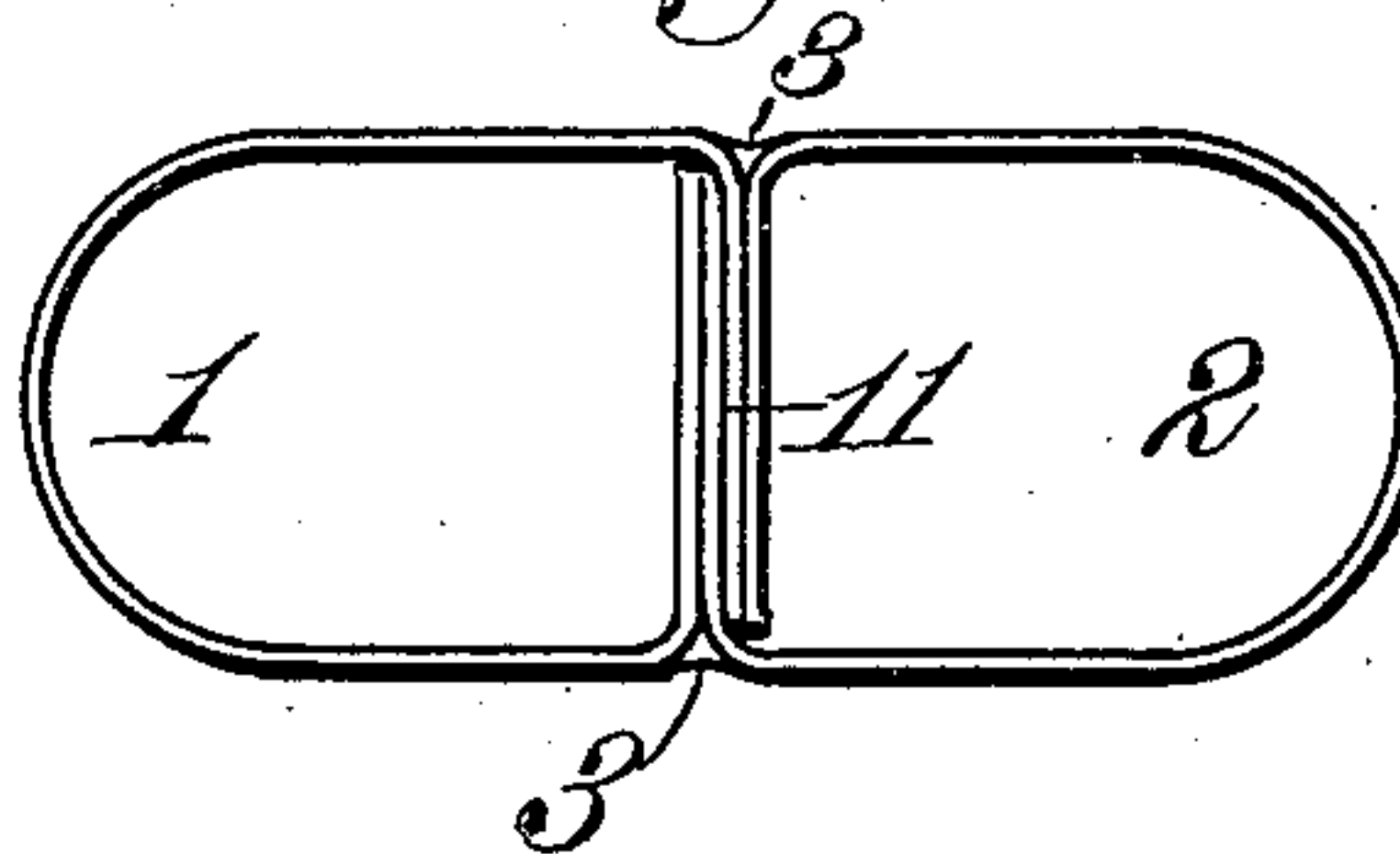
*Fig. 2.*



*Fig. 3.*



*Fig. 4.*



Witnesses,  
Robert Smith,  
J. B. Keeler

Inventor,  
Charles H. Rice.  
By James L. Norris,  
Atty.

# UNITED STATES PATENT OFFICE.

CHARLES H. RICE, OF HAZLETON, PENNSYLVANIA.

## SQUIB-BOX.

No. 863,447.

Specification of Letters Patent.

Patented Aug. 13, 1907.

Application filed February 2, 1907. Serial No. 355,506.

To all whom it may concern:

Be it known that I, CHARLES H. RICE, a citizen of the United States, residing at Hazleton, in the county of Luzerne and State of Pennsylvania, have invented 5 new and useful Improvements in Squib-Boxes, of which the following is a specification.

This invention relates to squib boxes for miners' use; and the object thereof is to set up the box in a manner as hereinafter set forth whereby a reinforced longitudinally-extending and centrally disposed partition will 10 be provided to prevent the collapsing of the box through the accidental application of pressure thereto, by way of example, when the operator sits upon the box or when the operator has the box in his pocket and leans 15 up against anything, or for other causes which might arise while using the box, said partition providing the box with a pair of compartments for squibs or for squibs and matches.

The invention further aims to provide a squib box 20 which shall be extremely simple in its construction, strong, durable, efficient in its use, damp-proof, easily manufactured and inexpensive.

With the foregoing and other objects in view, the invention consists in the novel construction, combination and arrangement of parts hereinafter more specifically described and illustrated in the accompanying 25 drawings, wherein is shown the preferred embodiment of the invention, but it is to be understood that changes, variations and modifications can be resorted to which come within the scope of the claims hereunto appended. 30

In describing the invention in detail reference is had to the accompanying drawings wherein like reference characters denote corresponding parts throughout the several views, and in which—

35 Figure 1 is a perspective view of a squib box in accordance with this invention with the cover removed. Fig. 2 is an end view of two of the sections of the box before they are interlocked. Fig. 3 is an end view showing the sections interlocked, and, Fig. 4 is a like 40 view showing the sections interlocked and soldered together.

Referring to the drawings, the squib box comprises a body portion formed of the sections 1, 2, which are soldered together, as at 3. A bottom 5 is provided to close one end of the body portion. The other end of 45 the body portion is adapted to be closed by a removable cover 6. The body portion is formed with two compartments 7, 8 for squibs or for squibs and matches. Each of the sections 1, 2 consists of a strip of metallic material bent as at 9, 10 so that the inner ends of the 50 longitudinal sides of the strip will overlap, the portion 10 overlapping the portion 9. The portion 10 of the section 2 is adapted to interlock between the portions 10 and 9 of section 1 and the portion 10 of section 1 is adapted to interlock between the portions 9 and 10 of 55 the section 2. By such an arrangement a centrally disposed longitudinally-extending reinforced partition 11 is provided, which is formed of four thicknesses of material. The interlocking portions of the sections 1, 2 are soldered together, as at 3 and also as at 12. The 60 partition 11 also forms a dividing wall for the body portion so as to form the compartments 7, 8.

It will be evident that owing to the manner in which the sections 1, 2 are interlocked and secured together, that a reinforced partition is provided which will prevent 65 collapsing of the body portion and in view of such circumstances an unusually durable squib box is provided.

What I claim is—

A squib box consisting of a body portion formed from a 70 pair of separate sections, each of said sections having the ends thereof bent to overlap, the overlapping portions of one section inter-engaging with the overlapping portions of the other section thereby forming a longitudinally-extending and centrally-disposed reinforced partition, means 75 for securing the inter-engaging portions of the sections together, a bottom secured to one end of the body portion, and a cover for the box.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

CHARLES H. RICE.

Witnesses:

H. W. HEIDENREICH,  
CHARLES OTTO KRAFT.