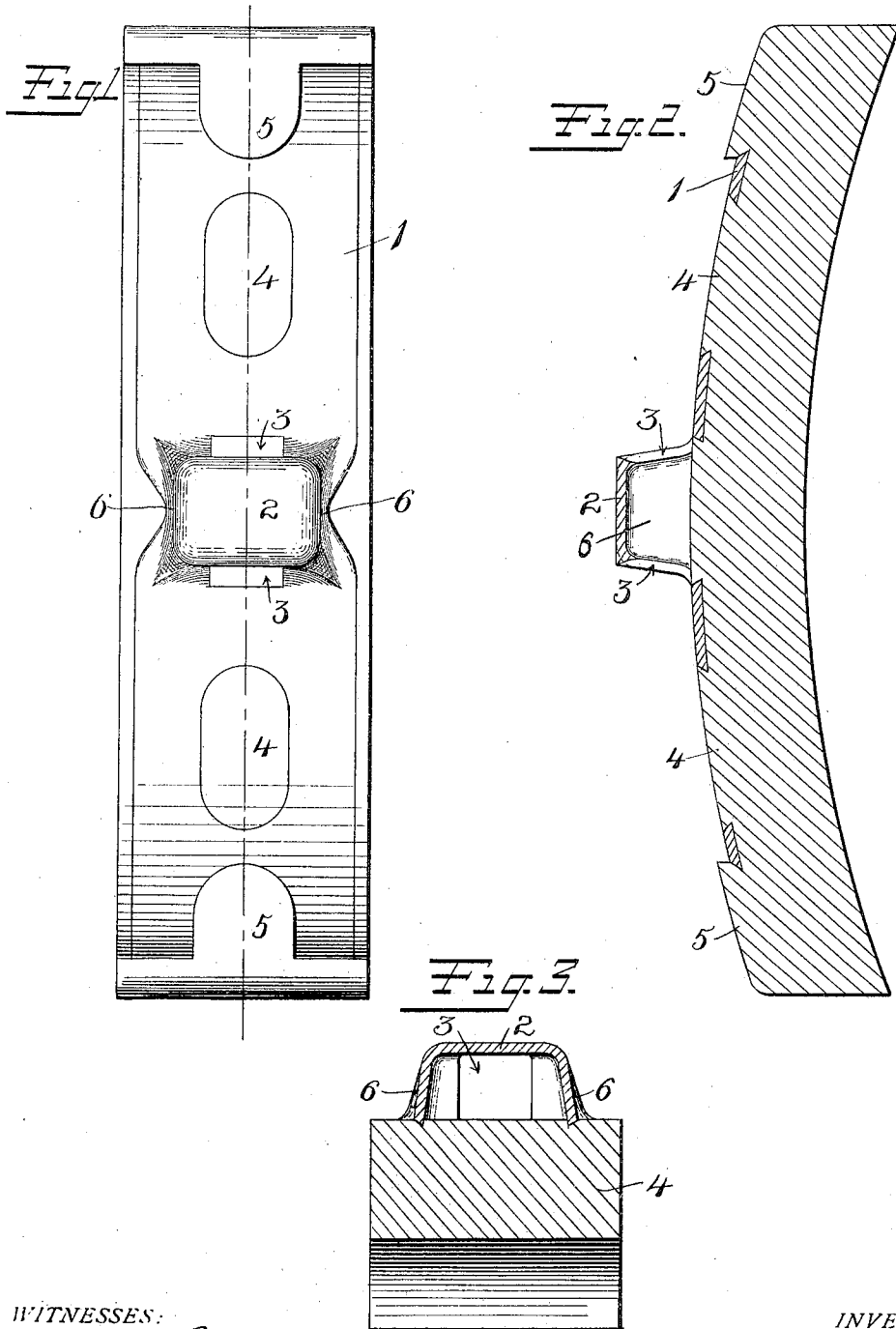


No. 798,263.

PATENTED AUG. 29, 1905.

C. L. BUNDY.  
BRAKE SHOE.  
APPLICATION FILED APR. 3, 1905.



WITNESSES:

*Chas. H. Read*  
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# UNITED STATES PATENT OFFICE.

CYRUS L. BUNDY, OF DOVER, NEW JERSEY.

## BRAKE-SHOE.

No. 798,263.

Specification of Letters Patent.

Patented Aug. 29, 1905.

Application filed April 3, 1905. Serial No. 253,523.

*To all whom it may concern:*

Be it known that I, CYRUS L. BUNDY, a citizen of the United States, residing at Dover, Morris county, New Jersey, have invented certain new and useful Improvements in Brake-Shoes, of which the following is a full, clear, and exact description.

My invention relates to improvements in brake-shoes, and particularly to a reinforcement.

The object of the invention is a brake-shoe which will stand severe use and which may be economically manufactured.

The invention consists of improvements, the principles of which are illustrated in the accompanying drawings.

Briefly the invention may be said to comprise the construction of a backing of sheet-steel or wrought-iron, in which the sides of the eye are formed from the edges of the backing-body, and thus drawn in at these points. The backing is suitably constructed for the attachment of the bearing member of the shoe by casting.

The drawings illustrate the construction of a brake-shoe embodying my invention, in which—

Figure 1 is a view of the outer surface of the brake-shoe. Fig. 2 is a longitudinal sectional view. Fig. 3 is a transverse sectional view.

1 is the body of the backing. 2 is the crown of the eye. 3 3 are the openings at the top and bottom of the eye through which the key is passed beneath the crown 2 for securing the shoe in place. 4 is the cast-iron bearing member of the shoe to which the backing is anchored. 5 5 are portions of the body forming seats for the ends of the key. 6 6 are the side walls of the eye formed upwardly from

the material of the body of the backing, being integral and continuous with the crown of the eye 2 and drawn in from the edges of the body 1. This forms a rigid and durable construction which is adapted to be readily manufactured and yet which has no joints or cracks in the backing which might tend to open up in use and cause fracture. The metal of the bearing member is preferably cast onto the reinforce, and filling in at the edges adjacent the walls 6 6 assists in preventing the two ends of the member from falling off in case of fracture. The advantages of such a construction will be apparent to those acquainted with the manufacture and use of brake-shoes.

What I claim is—

1. A brake-shoe comprising a bearing member and a backing of sheet-steel or similar material anchored thereto along the back thereof, and having an eye member with its side walls integral and continuous with and drawn in from the edges of the main portion.

2. A backing for a brake-shoe comprising a main body portion of sheet-steel or similar material provided with means of attachment to the body of the brake-shoe and having an upwardly-formed eye member with side walls integral and continuous with the crown, and the edges of the body being drawn in adjacent to the side walls, substantially as described.

3. A backing for a brake-shoe comprising a sheet-steel or similar main curved portion 1, having a projecting eye member with openings 3 3 and side walls 6 6 integral with and drawn in from the edges of the main member.

CYRUS L. BUNDY.

Witnesses:

L. VREELAND,  
ROBT. S. ALLYN.