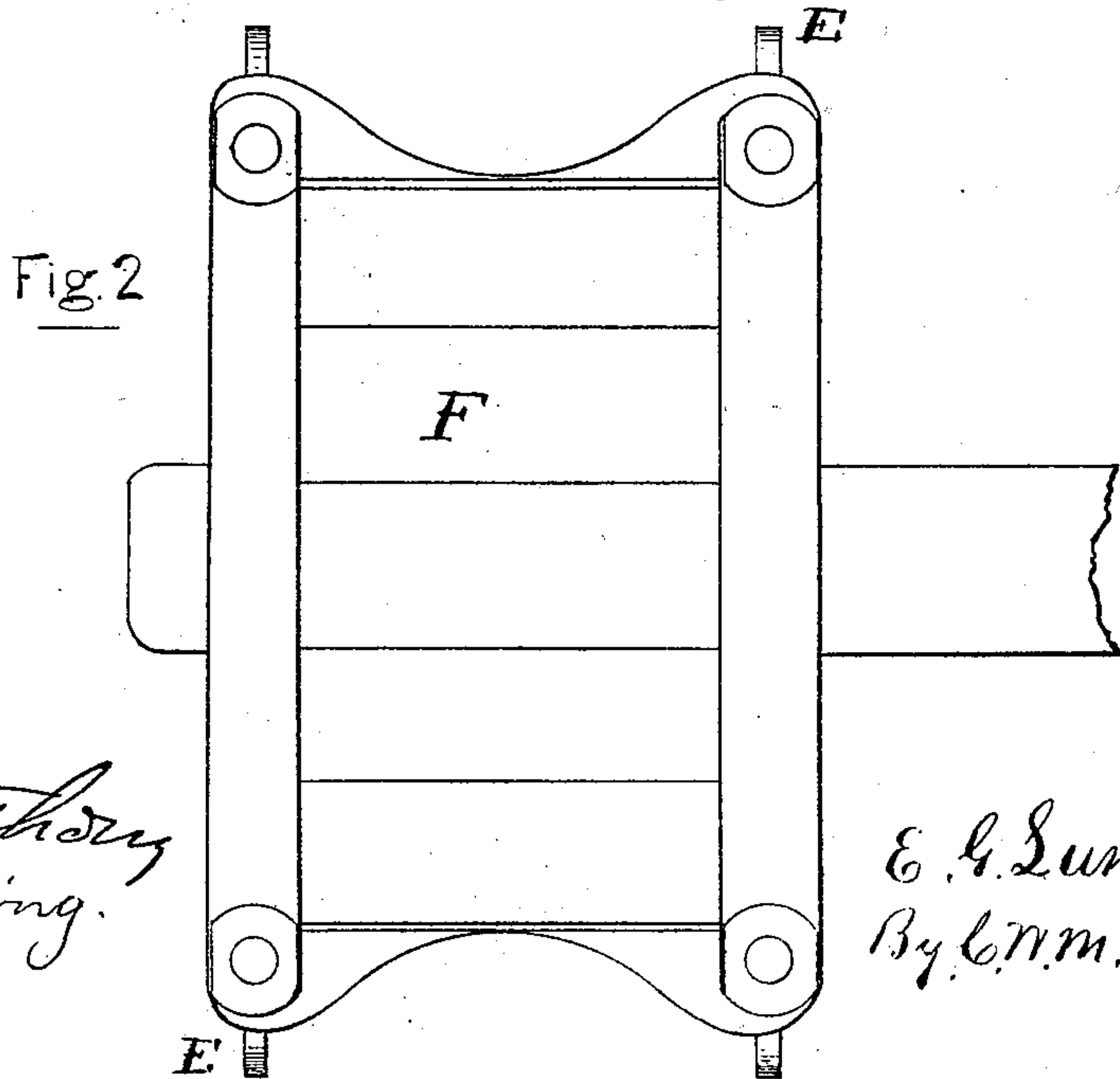
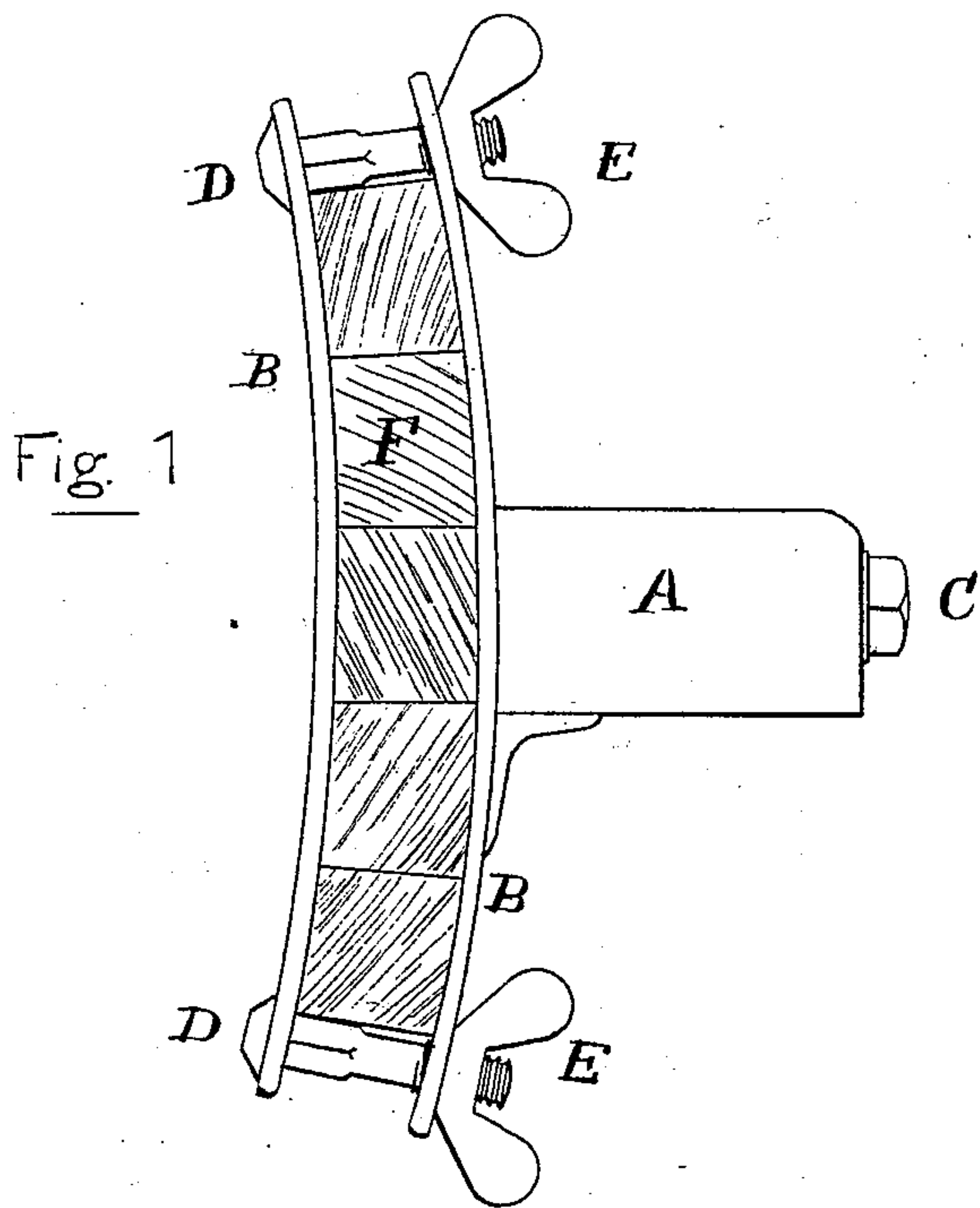


E. G. LUNCEFORD.  
Brakes for Vehicles.

No. 151,408.

Patented May 26, 1874.



*Attest*  
J. Speaulding.

E. G. Lunceford.  
By E. W. M. Smith  
Atty.

# UNITED STATES PATENT OFFICE.

ELBRIDGE G. LUNCEFORD, OF YOUNTVILLE, CALIFORNIA, ASSIGNOR OF  
PART OF HIS RIGHT TO A. C. McDONDL, OF SAME PLACE.

## IMPROVEMENT IN BRAKES FOR VEHICLES.

Specification forming part of Letters Patent No. **151,408**, dated May 26, 1874; application filed  
March 30, 1874.

*To all whom it may concern:*

Be it known that I, ELBRIDGE G. LUNCEFORD, of Yountville, in the county of Napa and State of California, have invented an Improved Brake-Block for Vehicles; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings and to the letters marked thereon, in which—

Figure 1 is an end view, and Fig. 2 a front view, of my device.

My invention consists of curved iron clamps attached to the cross-bars of a wagon-brake, in which the wood to form the shoe is placed. These clamps are arranged in pairs on said block, and are provided with bolts at each end, which are lengthened or shortened by thumb-screws. The spaces between are filled with short pieces of wood, which forms material for friction, and against which the rim of the wheel acts, and these strips can be easily renewed along the road at any time when worn out without the aid of a craftsman.

In the drawings, A represents the brake-block, to which is attached the curved clamps B by means of the bolts C. These clamps are held by bolts D, provided with thumb-nuts E, so that the jaws of the clamps can be distended or drawn together to conform to the inequalities of the strips F employed for the brake.

This brake will be found to be very convenient and cheap, and is admirably adapted to localities where it is difficult to obtain matched strips of wood.

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

A brake-block composed of the clamps B, nuts and bolts D E, and strips F, all combined substantially as specified.

In witness whereof I have hereunto set my hand and seal.

ELBRIDGE G. LUNCEFORD. [L. S.]

Witnesses:

C. W. M. SMITH,  
D. H. SWIN: