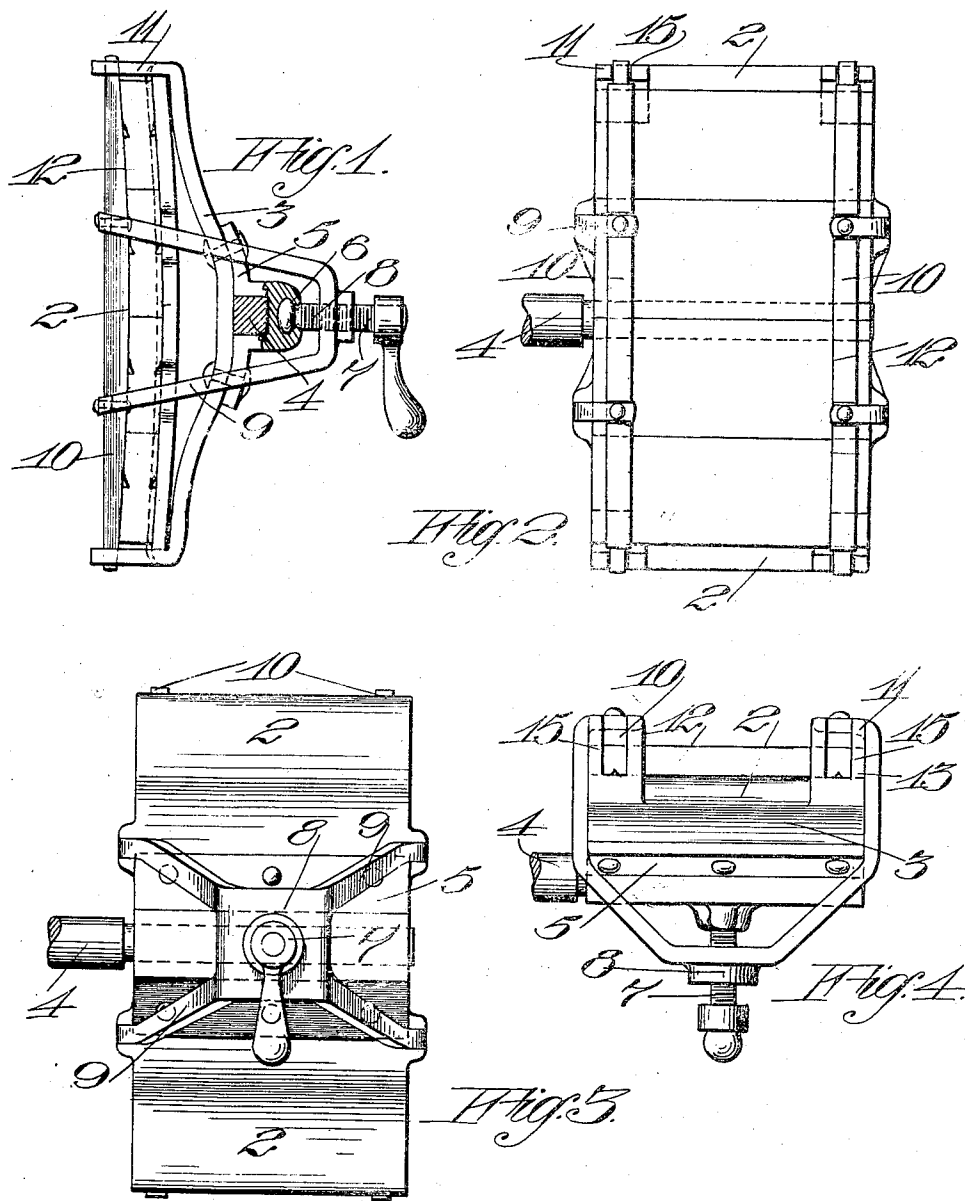


L. SANGUINETTI.
 BRAKE BLOCK.
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1,005,577.

Patented Oct. 10, 1911.



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UNITED STATES PATENT OFFICE.

LUKE SANGUINETTI, OF VALLECITO, CALIFORNIA.

BRAKE-BLOCK.

Specification of Letters Patent. Patented Oct. 10, 1911.

1,005,577.

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To all whom it may concern:

Be it known that I, LUKE SANGUINETTI, a citizen of the United States, residing at Vallecito, in the county of Calaveras and State of California, have invented new and useful Improvements in Brake-Blocks, of which the following is a specification.

This invention relates to wagon brakes and particularly to brake blocks.

10 The object of the present invention is to provide in a wagon brake, a brake block including means by which the members subjected to wear and which are adapted to be applied to the periphery of a wheel may be easily, quickly and substantially adjusted in position; and to provide a brake block which may be built up with removable shoes or wearing plates of any suitable material, and which material may be of any width, length 20 or thickness and can be firmly attached in position to complete the brake block.

The invention consists of the parts and the construction and combination of parts, as hereinafter more fully described and 25 claimed, having reference to the accompanying drawings, in which—

Figure 1 is an edge view of the brake block. Fig. 2 is a front or face view of the brake block. Fig. 3 is a rear view of the 30 brake block. Fig. 4 is a plan view.

In the present embodiment of my invention I employ a back plate 2 which may be of any desirable material and of proper length, width and height, as the size of various vehicles and wagons to which the device may be mounted will determine. The back plate 2 may be formed of one continuous strip of metal folded backwardly and curved sufficiently outwardly to form a stir- 40 rup 3 to which may be connected the brake bar 4, and which brake bar 4 is connected to the strip 3 by any suitable device, here shown as a strap 5, which is perforated at its rear portion to form a swivel joint 6 for the end of a screw 7, which is threaded in a block 8. The block 8 is attached to the rear 45 portion of a spider having a plurality of arms 9 projecting forwardly so as to connect to vertical clamp rods 10.

50 I have shown the spider 9 as comprising four arms extending in pairs forwardly. The outer ends of the arms 9 of the spider may be welded or otherwise rigidly connected to the outer surface of the clamp 55 bars 10. These clamp bars 10 extend ver-

tically and are of approximately the same length as the back plate 2 which may be severed and folded upwardly to form ears 11 to receive and guide the extremities of the clamp bars 10. Suitable material forming 60 wearing shoes, as 12, which may be of any reasonable thickness and other proportions as may be conveniently obtained, may be inserted between the front surface of the back plate 2 and the rear surface of the vertical 65 clamp bars 10.

A particular feature of the present invention is the combination with the back or supporting plate 2 and the clamp bars 10 of means whereby the brake block can be com- 70 posed of wearing shoes, as 12, of various thicknesses; and to that end I provide the screw 7 engageable with the block 8. The screw 7 is swiveled at 6 in the rear of the back plate 2. Thus, should the wearing 75 shoes, represented at 12, be of comparatively thin stock the screw 7 would be turned so as to draw the clamps 10 tightly against the face of the shoe 12 and force the latter tightly against the back plate 2. 80

The longitudinal edges of the back or supporting plate 2 may be slightly upset to form ribs 13 to prevent an endwise movement of the sections of the shoe 12, and also, if preferred, the clamping faces of the clamp 85 bars 10 may be roughened or provided with spurs to bite into the surface forming the shoe 12. The ears 11 are slotted centrally, as at 15, to receive the extremities of the clamp bars 10. These bars are thus pre- 90 vented from transverse movement between the walls of the slots 15.

Having thus described my invention, what I claim and desire to secure by Letters Patent, is— 95

1. A brake shoe comprising a back or supporting plate adapted to be connected to a brake bar, said plate having slotted ears, a screw swiveled upon said back plate, clamp bars adapted to rest upon removable and in- 100 sertible shoes, said bars having their ends mounted in the slots of said ears, and means actuated by said screw whereby the bars may be made effective upon shoes of various 105 thicknesses.

2. A device adapted to receive wearing shoes of different thicknesses, said device comprising a supporting plate adapted to be connected to a brake bar, said plate having slotted ears, a screw swiveled to the rear 110

of and upon the back plate, clamp bars engageable with the face of the insertible shoes, said bars having their ends mounted in the slots of said ears, and a spider having
5 arms attached at their outer ends to the clamp bars and engaging said screw.

In testimony whereof I have hereunto set

my hand in the presence of two subscribing witnesses.

LUKE SANGUINETTI.

Witnesses:

ZITA HASTINGS,
CHARLES EDELMAN.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."