

C. C. CUSHMAN.

Cart Saddle.

No. 123,459.

Patented Feb. 6, 1872.

Fig. 1.

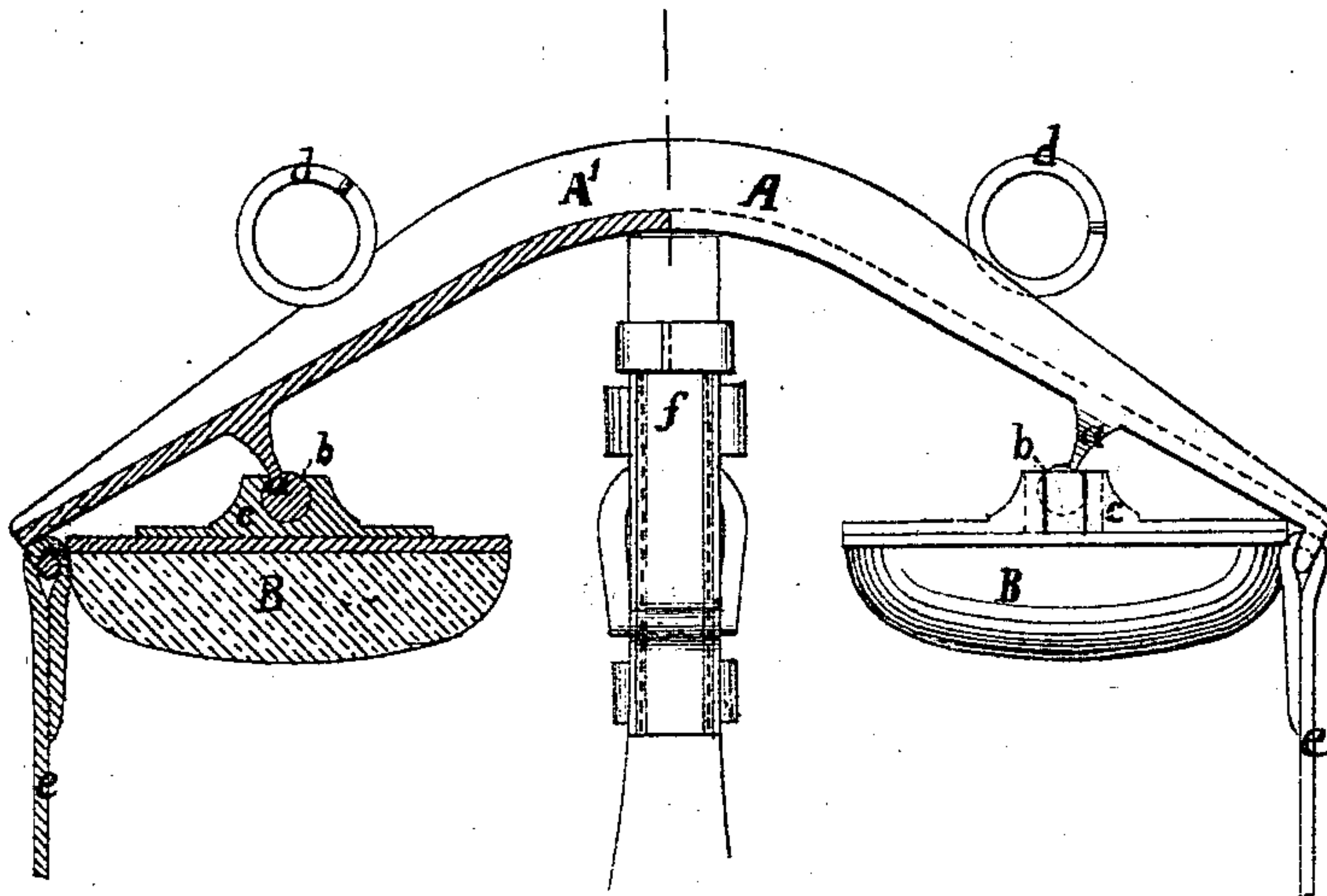
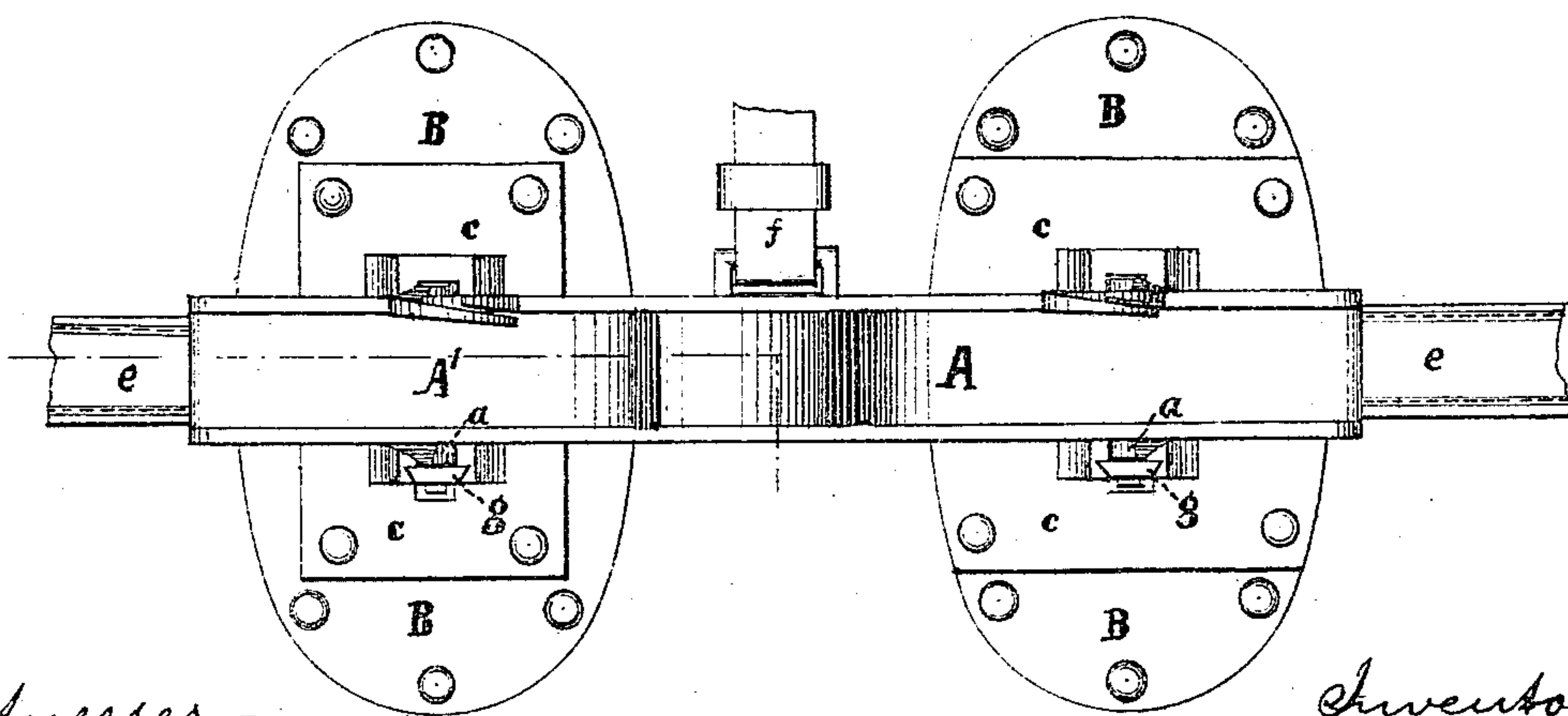


Fig. 2.



Witnesses.

W. B. Claysdon.
Jas. S. Crobank

Inventor.

C. C. Cushman

UNITED STATES PATENT OFFICE.

COURTLAND C. CUSHMAN, OF GALLIPOLIS, OHIO, ASSIGNOR OF ONE-HALF
HIS RIGHT TO GEORGE E. WHITE, OF SAME PLACE.

IMPROVEMENT IN CART-SADDLES.

Specification forming part of Letters Patent No. 123,459, dated February 6, 1872.

SPECIFICATION.

To all whom it may concern:

Be it known that I, COURTLAND C. CUSHMAN, of Gallipolis, in the county of Gallia and in the State of Ohio, have invented certain new and useful "Improvements in Harness-Saddles;" and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon, in which—

Figure 1 is a longitudinal vertical section of one of the pads, the manner of attaching, and the bridge-tree; the remaining half of said figure is a side view of the invention. Fig. 2 is a plan view of the invention.

The nature of my invention consists in the mode of attaching the pads to the bridge-tree by means of a longitudinal socket-joint, and the open rings or terrets on the tree, as will be hereinafter fully set forth.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

In Fig. 1, A, the tree, the one-half is shown in section at A'; the other side is a side view of the invention; B B, the pads; *a a*, the round bar attached to the tree, and which fits into the longitudinal sockets *b b* on the plates *c c*, which plates are firmly secured to the pads B B; *d d*, the open rings or terrets, and through which the reins pass; *e e*, the straps or belly-band; *f*, the back-strap.

In Fig. 2, A, the tree; B B, the pads; *a a*, the round bars, which are cast with the tree, and form a part of the same; *b b*, the sockets, into which the bars *a* fit, and in which they revolve, thus rendering the pads adjustable; *c c*, the plates in which are the sockets, and which plates are attached by any suitable means to the pads B B; *g g*, the keys, which are dove-tail in shape, and which fit into corresponding slots in the plates *c c*, for holding the bars *a a* in the sockets *b b*. The sockets form a circle,

the top side being slotted to admit the bar with its round end to enter the socket. These bars and sockets are all to be made of a size to fit each other, and are reversible as well as adjustable, so that if at any time one side of the pad becomes more compressed than the other the pad can be slipped off and adjusted. *f*, the back-strap. The tree, with rings, lugs, and bars, are all cast in one piece, and the plates and sockets in one piece, and will need but little finish.

In the operation of my invention, the whole parts being prepared, the pad is fastened to the tree by sliding the socket-plate on the bar *a*, the lower round end of which fits into the socket, and when pressed to their proper place, the keys *g g* are pressed tightly into their sockets, when the whole is complete and ready for use as a harness-saddle, or cart or dray-saddle. It will be seen that the pads easily adjust themselves at all times to the horse or animal on which they are placed; and, when desired, the pads can be reversed by taking out the keys *g g* and slipping off the pad, and reversing the same, and by slipping them on from the other side of the bar. I regard the reversible feature of my invention of great importance in the durability of the pads.

Having fully described my invention, what I desire to secure by Letters Patent is—

1. I claim the bar *a* upon the bridge A and socket *b* in plate *c* upon pads B B, and keys *g*, the whole constructed in the manner described, so as to inclose said bar entirely within the socket.

2. I claim the split terret-rings *d d*.

In testimony that I claim the above-described certain new and useful "improvements in harness-saddles" I have hereunto signed my name this 18th day of December, 1871.

C. C. CUSHMAN.

Witnesses:

V. C. CLAYTON,
EDM. F. BROWN.