

C. BREED.
Sand-Band for Vehicle-Wheels.

No. 203,239.

Patented May 7, 1878.

Fig. 1.

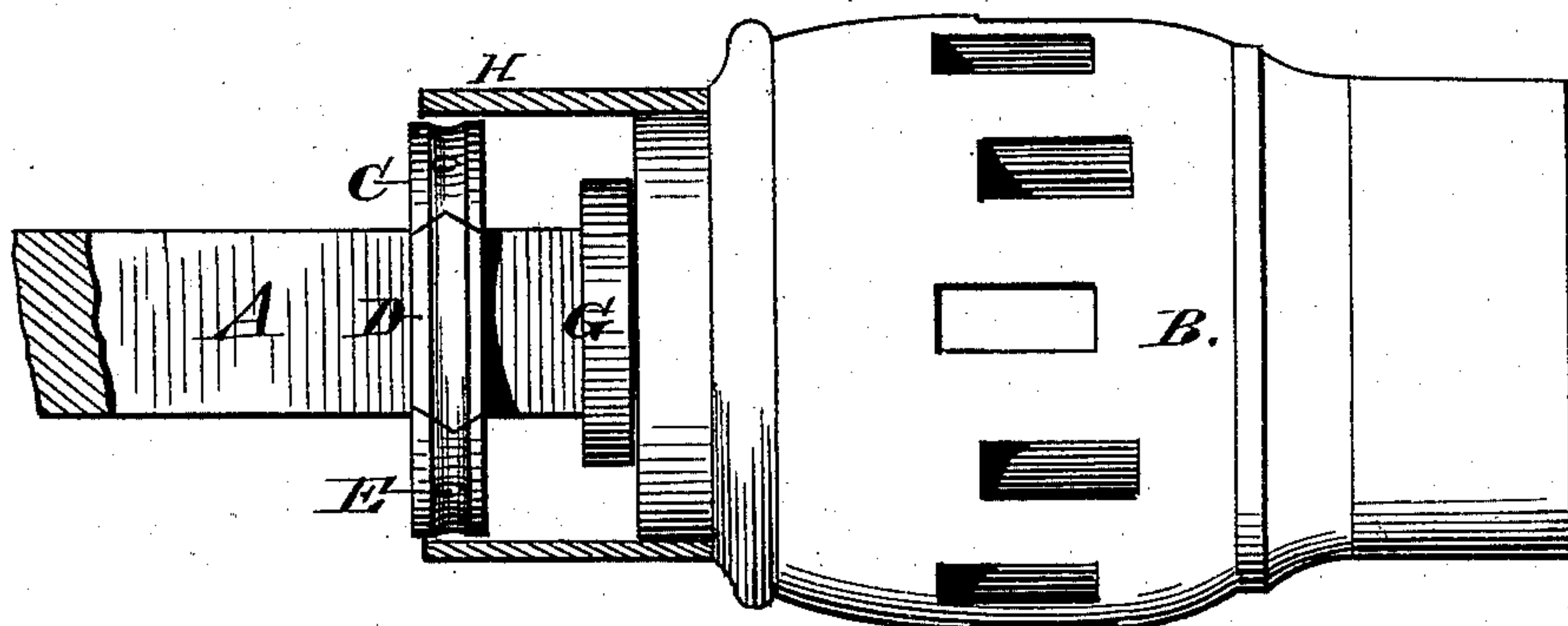
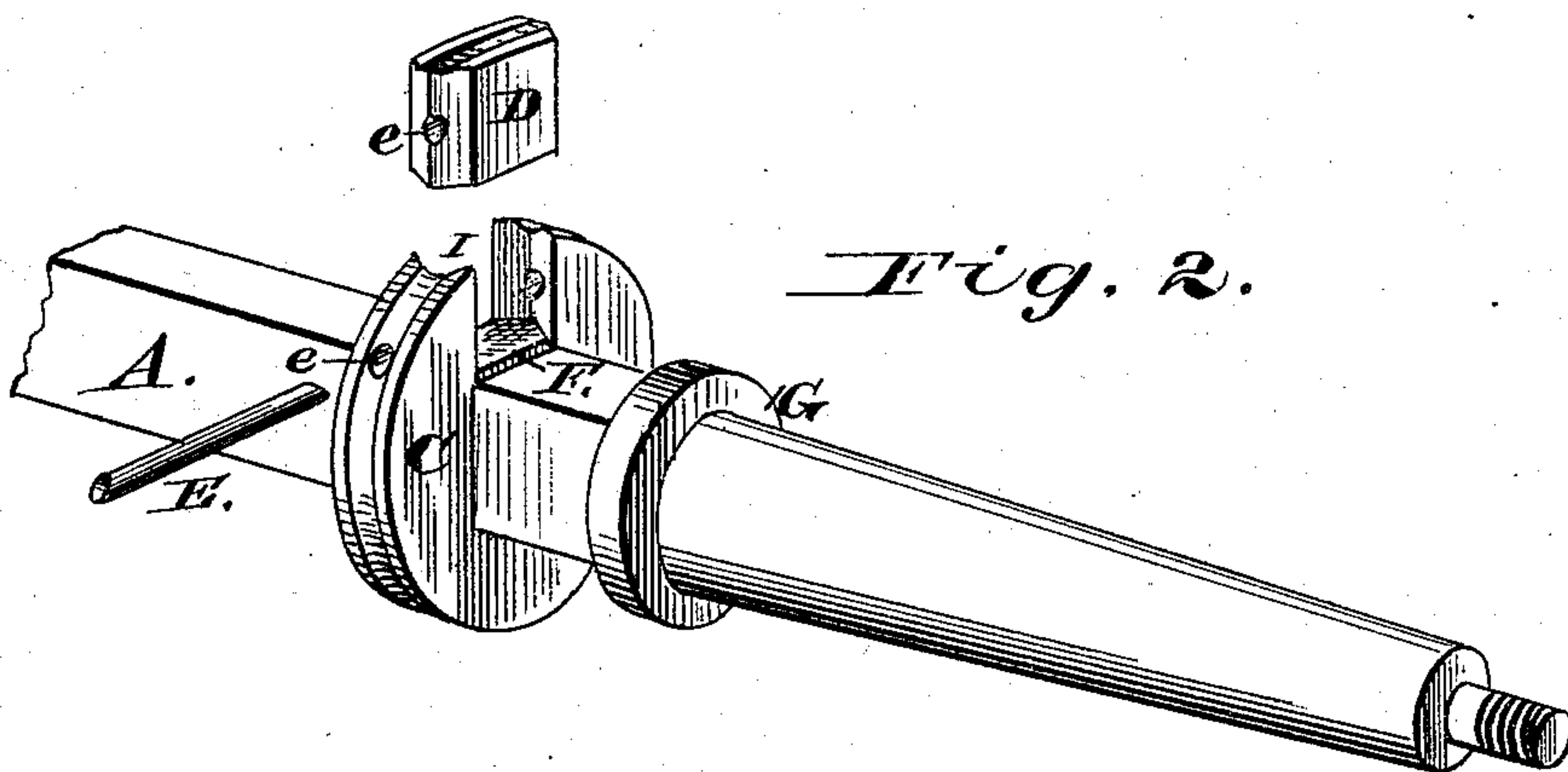


Fig. 2.



Attest:
H. L. Perrine
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Inventor.

By.

[Signature]
Att'y.

UNITED STATES PATENT OFFICE.

CHANCY BREED, OF FARWELL, MICHIGAN.

IMPROVEMENT IN SAND-BANDS FOR VEHICLE-WHEELS.

Specification forming part of Letters Patent No. **203,239**, dated May 7, 1878; application filed November 15, 1877.

To all whom it may concern:

Be it known that I, CHANCY BREED, of Farwell, in the county of Clare and State of Michigan, have invented certain new and useful Improvements in Sand-Bands for Vehicle-Wheels; and I do hereby declare that the following is a full, clear, and exact description of my invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

This invention relates to that class of sand-bands for wheel-hubs constructed in sections and adapted to be applied laterally to the axle.

It consists in a metal disk having a slot of such form and size that the disk may be slipped onto the axle laterally, and having a key-block adapted to fit within the slot after the disk has been placed upon the axle, and to be secured in position by a pin.

In the accompanying drawings, Figure 1 is a plan, showing the relative positions of the sand-band and hub. Fig. 2 is a detailed view, showing the manner of connecting the sand-band to the axle.

The same letters of reference indicate like parts in both the figures.

In the drawings, A is the axle of a vehicle, and securely attached thereto is a slotted metallic disk or band, C, of such size as to fit snugly within the hub-band H, and yet so small as to avoid frictional contact with said

hub-band. This disk C may be made of malleable or cast iron, or other suitable material. It is adapted, by means of slot I, to be slipped upon the axle and to be centered within the hub-band. In the sides of this slot are V-shaped grooves, provided for the reception of a key-block, D, said key-block being formed to fit said grooves, and to establish the continuity of the disk C after it has been placed on the axle.

When the disk C is in position on the axle, a pad, F, of leather or other suitable material, is placed upon the axle within the slot, (see Fig. 2,) after which the key-block D is inserted in the slot and locked by means of pin E, passed through the pin-holes *e* in the key-block and the horns of the slotted disk.

It will be seen that sand-bands of this construction can be applied to, or removed from, an axle without cutting the axle, and without entirely removing the vehicle-wheel from the axle-arm.

What I claim as my invention, and desire to secure by Letters Patent, is—

The combination of the axle A, slotted disk or band C, key-block D, and pin E, operating substantially as and for the purpose specified.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

CHANCY BREED.

Witnesses:

C. C. CASTERLIN,
C. H. SUTHERLAND.