

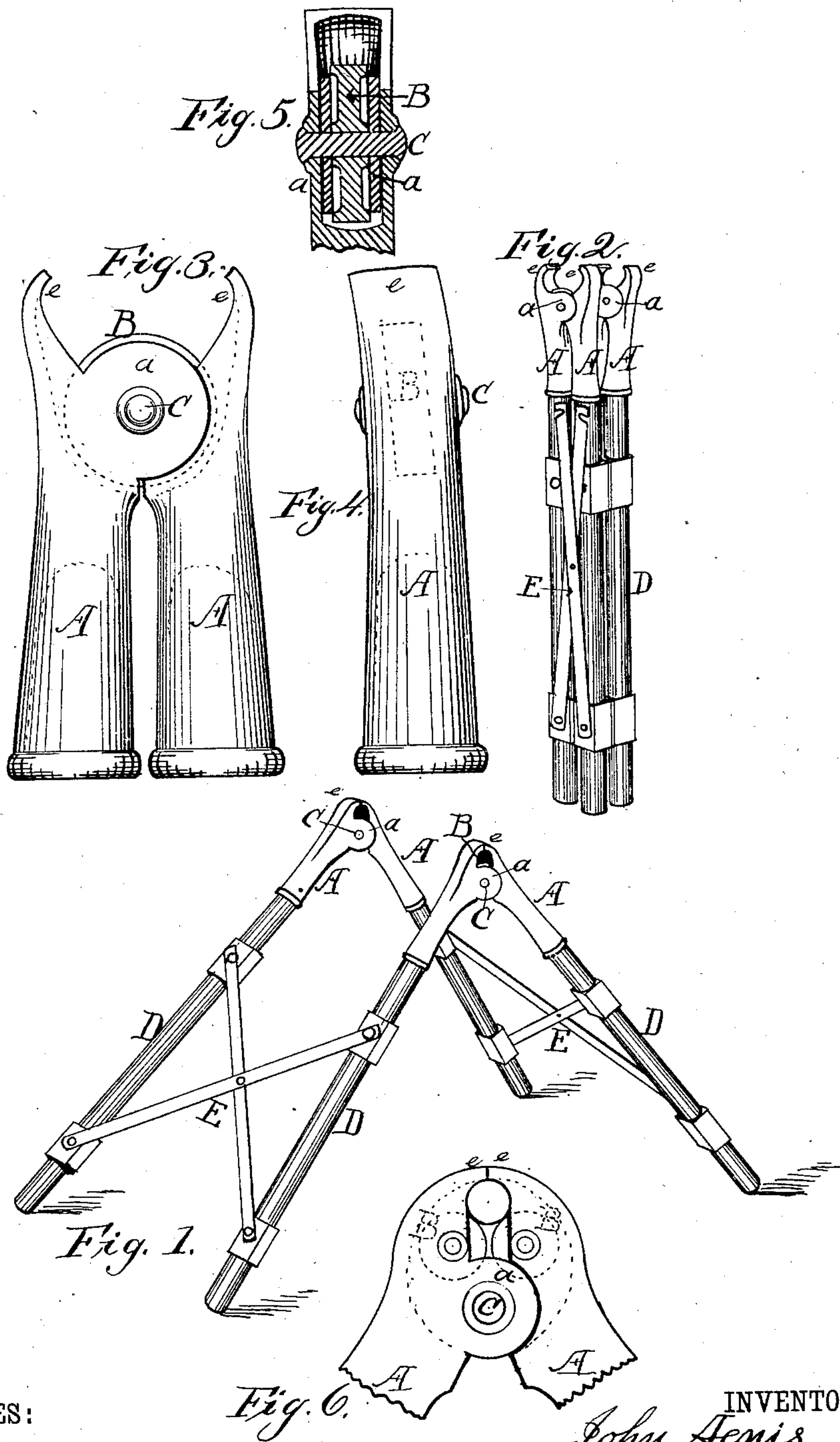
(No Model.)

J. AENIS.

FOLDING GRINDSTONE FRAME.

No. 314,986.

Patented Apr. 7, 1885.



WITNESSES:

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JOHN AENIS, OF CLEVELAND, OHIO.

FOLDING GRINDSTONE-FRAME.

SPECIFICATION forming part of Letters Patent No. 314,986, dated April 7, 1885.

Application filed August 6, 1884. (No model.)

To all whom it may concern:

Be it known that I, JOHN AENIS, of Cleveland, in the county of Cuyahoga and State of Ohio, have invented certain new and useful
5 Improvements in Folding Grindstone-Frames, of which the following is a specification.

This invention relates to frames for supporting grindstones, and has for its object to provide a folding frame which may be compactly
10 folded together for storage or shipment, and having no loose parts to get lost or misplaced.

It consists of two shaft-bearings constructed in the form of hinged joints, containing friction rolls or rollers, said hinged joints having
15 arms to which are secured the supporting-legs. Each pair of legs are also joined together by folding braces.

In the accompanying drawings, Figure 1 is a perspective view of my folding frame opened
20 and spread, ready to receive the grindstone. Fig. 2 shows the same folded for shipment. Fig. 3 is an enlarged side view of the hinge-jointed bearing. Fig. 4 is an edge view of the same. Fig. 5 is a vertical section of said joint-
25 ed bearing, showing arrangement of friction-wheel. Fig. 6 shows the same joint having two friction-wheels.

A A are the two arms of a hinge, each having disks *a a* at the sides, arranged to fit together, and leaving space between the two inner ones for a wheel, B. Said disks are joined
30 together by a bolt, C, upon which they, as well as the wheel, turn. The lower ends of said arms A are made hollow to form sockets for the re-

ception of legs D D. The upper ends of said
35 arms above the disks have prongs *ee*, so located that when the arms of the joint are spread the tops of said prongs come together. The space between said prongs forms the box for the
40 journals of the grindstone-shaft, and the said wheel D is the bearing for said journals. The two pairs of legs forming the two sides of the frame are joined together by jointed cross-
45 braces E, pivoted together at or near their middle part, and their lower ends pivoted to the legs, while their upper ends are notched, so that they may be detached from the buttons
to allow them and the legs to be folded together.

Having described my invention, I claim— 50

1. The combination, with the socketed arms A A, having prongs *ee*, and provided with disks *a a*, and united by bolt C, of the intermediate friction wheel or wheels, B, substantially as described, and for the purpose specified. 55

2. The folding grindstone-frame consisting of the hinged joint composed of the socketed arms A A, having prongs *ee*, and provided with the disks *a a*, united by bolt C, and the
60 intermediate friction wheel or wheels, B, and the legs D D, provided with the pivoted braces E E, all substantially as described.

JOHN AENIS.

Witnesses:

GEO. W. TIBBITTS,
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