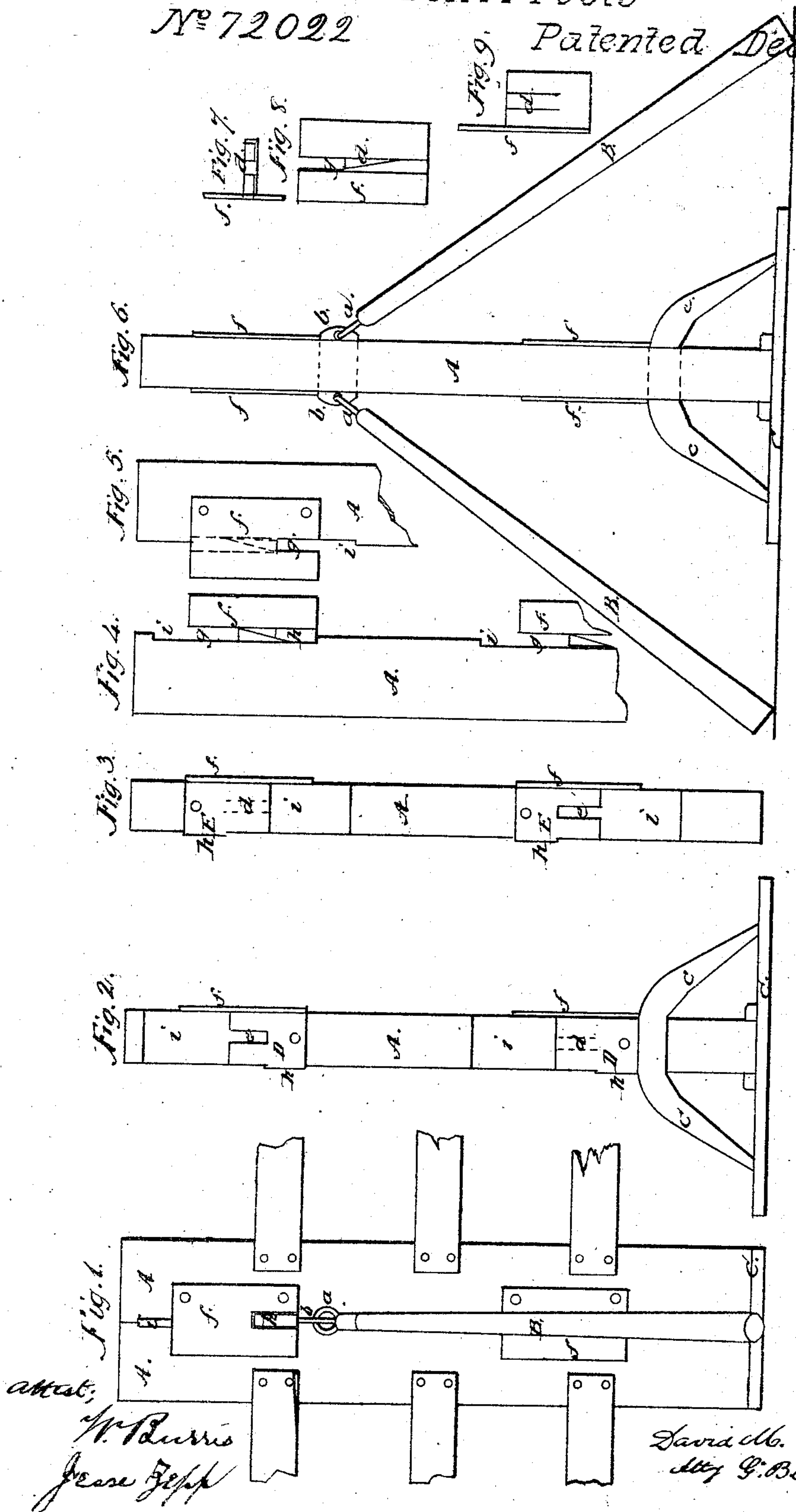


D. M. Graham.

Fence Posts

N^o 72022

Patented Dec. 10, 1867.



attest;

W. Burris
Jesse Jeff

David M. Graham, per
Atty G. B. Tuley.

United States Patent Office.

DAVID M. GRAHAM, OF EVANSVILLE, INDIANA.

Letters Patent No. 72,022, dated December 10, 1867; antedated November 29, 1867.

PORTABLE FENCE-POSTS.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, DAVID M. GRAHAM, of the city of Evansville, in the county of Vanderburg, and State of Indiana, have invented a new and useful Improvement in Portable Fence-Posts; and I do declare that the following is a clear, full, and exact description of the construction and operation of the same, reference being had to the accompanying drawings making a part of this specification, in which—

Figure 1 is a front view of double fence-posts, as erected in fence, with anchor and fencing-boards attached.

Figure 2 is an inside view of one of the posts, with clasps, feet, and base attached.

Figure 3 is an inside view of the other post, with clasps attached.

Figures 4 and 5, front views of upper part of both posts, separated, with clasps attached.

Figure 6, side view of posts, showing anchors, feet, and base, as arranged when the fence is erected.

Figures 7, 8, and 9, detailed views of bevelled clasps and flanges, or key-plates.

Like letters in the different figures indicate like parts.

The nature of my invention consists, first, in the construction of portable double fence-posts, attached together by bevelled clasps, and provided with base, feet, and adjustable anchors or braces; second, the construction of metallic bevelled clasps with flanges or key-plates, and keys for fastening together fence-posts and panels.

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

A A are the double fence-posts; B B the adjustable anchors or braces, attached by the eyes *a a* to key *b*. C is the base of the posts, and *c c* the feet resting on base. D D and E E are metallic bevel-clasps, with tongues *d d*, slots *e e*, flanges or key-plates *f f*, having slots *g g*, and projections or shoulders, forming key-bars *h h*. Clasps E E are exactly like clasps D D, except that E E have the flanges on reverse sides, and the bevel-catches, tongues, and slots are at lower end of the clasps, while those of D D are at the top of the clasps.

I take two pieces of scantling, of proper size and length for fence-posts, to one of which I fasten the clasps D, at proper distances from the ends, notches, *i i*, being first made in the posts to receive the fastenings or clasps. I also attach the feet *c c*, and brace C, so that the feet rest upon the base. To the other post I fasten the clasps E E, so that the flanges will be the same distance from the ends of the posts as those of the clasps D D. To attach the posts, the one to which clasps E E are attached is raised sufficiently to allow the bevel-catches to enter each other. The post sliding down, the clasps draw them snugly together, the key-bars or projections *h h* sliding into slots *g g*, and the tongues *d d* into slots *e e*. The key *b*, being detached at one end from the anchor, is placed through slot *k*, below the upper flanges. The eye of the anchor is again attached to the key through the hole in the end thereof, and the posts are thus securely fastened so they cannot move endwise, and the tongues *d d* in slots *e e* hold the posts securely sidewise, thus making it impossible to separate the posts until the key *b* is removed, but by removing that key the post, with clasps E E, is readily slid up and detached from the other post. The fencing-boards, bars, or rails are properly attached by nails or otherwise to these posts, separated, and the fence thus entirely constructed, in panels, ready for transportation and setting up, and as thus constructed is readily detached in panels, to be removed when required.

The adjustable anchors or braces are made the proper size and length to afford all the required support to the fence against the force of high winds or cattle, and being adjustable, may be placed close to the fence, out of the way, in time of ploughing or harvesting.

I contemplate that for low lands, liable to be overflowed, and for streams, stationary posts may be placed several rods apart, and the panels being hinged to these posts, and unlocked in the middle between them, will swing out right or left, allowing the drift to pass without injury to the fence.

With present facilities for transportation, fences thus constructed may be manufactured where the materials are plenty and cheap, and facilities for manufacturing are good, and transported to any part of the United States, thus furnishing at less expense, particularly to prairie countries, where timber is scarce, more durable and convenient fences than any now in use.

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

1. The construction of double portable fence-posts, attached by metallic bevel clasps, with flanges, slots, and tongues, and secured by keys, substantially in the manner and for the purposes as herein described and shown.

2. The adjustable anchors or braces, attached by metallic eyes and key, and the combination of the feet with the posts and base, substantially in the manner and for the purposes as herein described and shown.

DAVID M. GRAHAM.

Witnesses:

WILLIAM R. GURLEY,
JAMES T. WALKER.