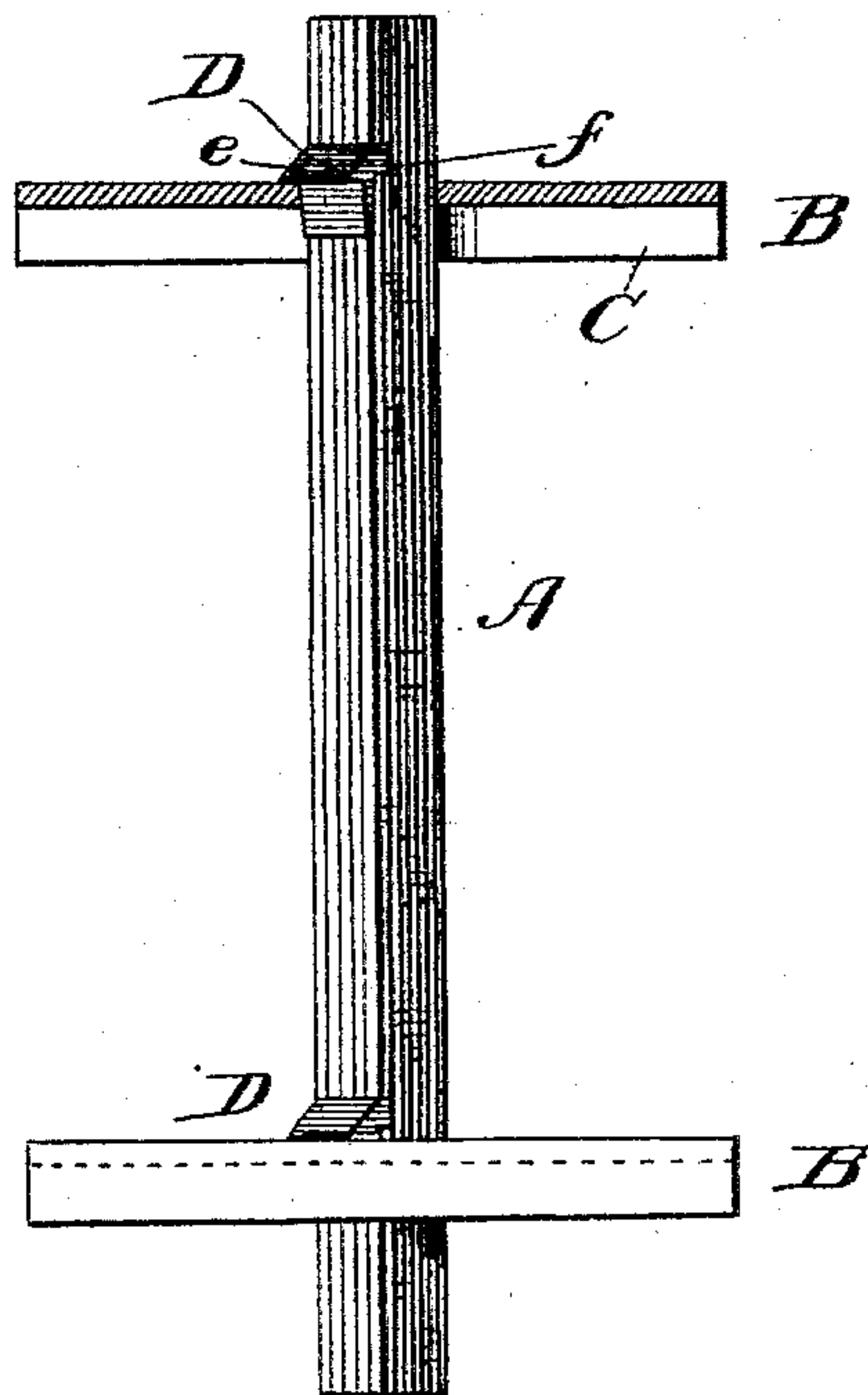


J. H. VAN DORN.  
Iron Fence.

No. 210,826.

Patented Dec. 10, 1878.



Witnesses

William Blackstock.  
*M. Churney*

Inventor

*James H. Van Dorn.*  
*Per L. Hill.*  
*His atty*

# UNITED STATES PATENT OFFICE.

JAMES H. VAN DORN, OF CLEVELAND, OHIO.

## IMPROVEMENT IN IRON FENCES.

Specification forming part of Letters Patent No. **210,826**, dated December 10, 1878; application filed October 1, 1878.

*To all whom it may concern:*

Be it known that I, JAMES H. VAN DORN, of Cleveland, in the county of Cuyahoga and State of Ohio, have invented certain new and useful Improvements in Iron Fences; and I do hereby declare the following to be a full and exact description of the same, reference being had to the accompanying drawing, forming a part of this specification, in which the figure is an elevation of a picket, with one of the stringers in section, to show the fastening-wedge.

My present invention consists in securing the stringers to the pickets of iron fences by means of wedges driven down between the stringers and pickets, in the following manner:

A is an iron picket, made angular in cross-section, and B B the iron stringers thereon, which may be in the form of flat bars, or provided with downwardly-projecting side flanges, C. The wedges are shown at D, and are each formed with a double head, and driven down on one side of the picket, between it and the stringers, one part, *e*, of the head resting upon

the stringer, and the other part, *f*, entering a recess or notch in the side of the picket. The point of the wedge is then clutched under the stringer to hold it in place.

By this means a simple, cheap, and perfectly secure fastening is formed. The wedges can be easily and rapidly applied by ordinary workmen or laborers, and large quantities of fencing can therefore be put up in a comparatively short time.

Having thus described my invention, what I claim as new is—

In an iron fence, the combination, with the notched or recessed pickets A and the stringers B, of the wedges D, having double heads, one part of which enters the recesses in the pickets and the other part rests on the stringers, substantially as described.

JAMES H. VAN DORN.

Witnesses:

WM. K. SMITH,  
L. B. WHITNY.