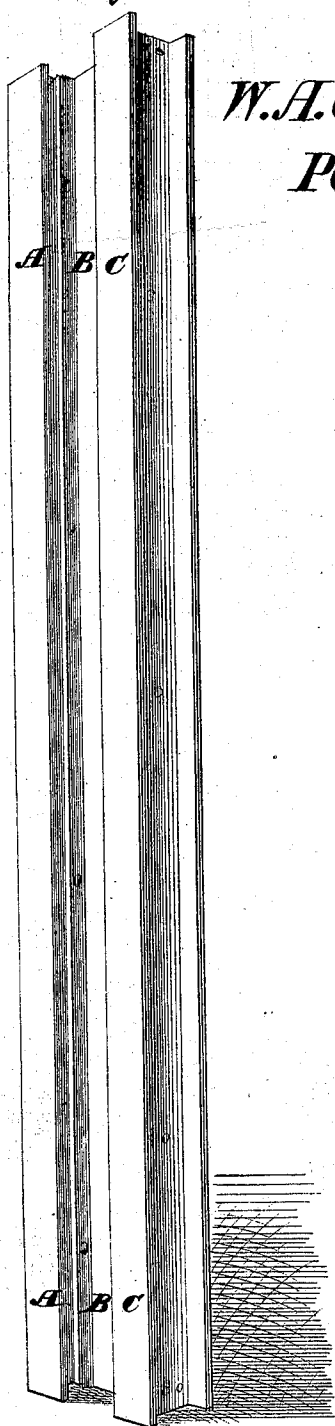


(4.)

Fig.1.

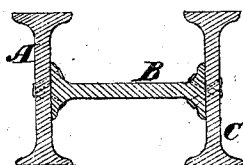


*W.A. Gurn. Iron & Steel
Posts, Columns, etc.*

No. 122,379.

Patented Jan. 2, 1872.

Fig.2.



Witnesses:
P.C. Dietrich.
Wm. H. C. Smith.

Inventor:
W. A. Gurn.

PER *Mumf*
Attorneys.

UNITED STATES PATENT OFFICE.

WILLIAM A. GUNN, OF LEXINGTON, KENTUCKY.

IMPROVEMENT IN IRON COLUMNS.

Specification forming part of Letters Patent No. 122,379, dated January 2, 1872.

To all whom it may concern:

Be it known that I, WILLIAM A. GUNN, of Lexington, in the county of Fayette and State of Kentucky, have invented a new and useful Improvement in Iron and Steel Posts, Columns, &c.; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification, in which—

Figure 1 is a perspective view of an iron post illustrating my invention. Fig. 2 is a detail cross-section of the same.

Similar letters of reference indicate corresponding parts.

My invention consists in an improved construction of metallic columns to give the strength of the double T-beam in two directions, while the necessity for cutting and riveting is greatly lessened.

A B C are double T-bars or beams of wrought-

iron or steel. The bars or beams A C are placed with their sides against the edges of the bar or beam B, and are riveted to said bar or beam, the rivets passing through the flanges of the bar or beam B and through the bodies of the bars or beams A C. The rivets should not be placed opposite each other in the different bars or beams, and may be farther apart than in posts or columns constructed in the ordinary manner.

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

A metallic column composed of three double T-bars, A B C, the first two parallel to each other, and the third placed centrally between them and at right angles thereto, as and for the purpose specified.

WILLIAM A. GUNN.

Witnesses:

H. SHAW, Jr.,
R. GILL ELLIOTT.

(4)