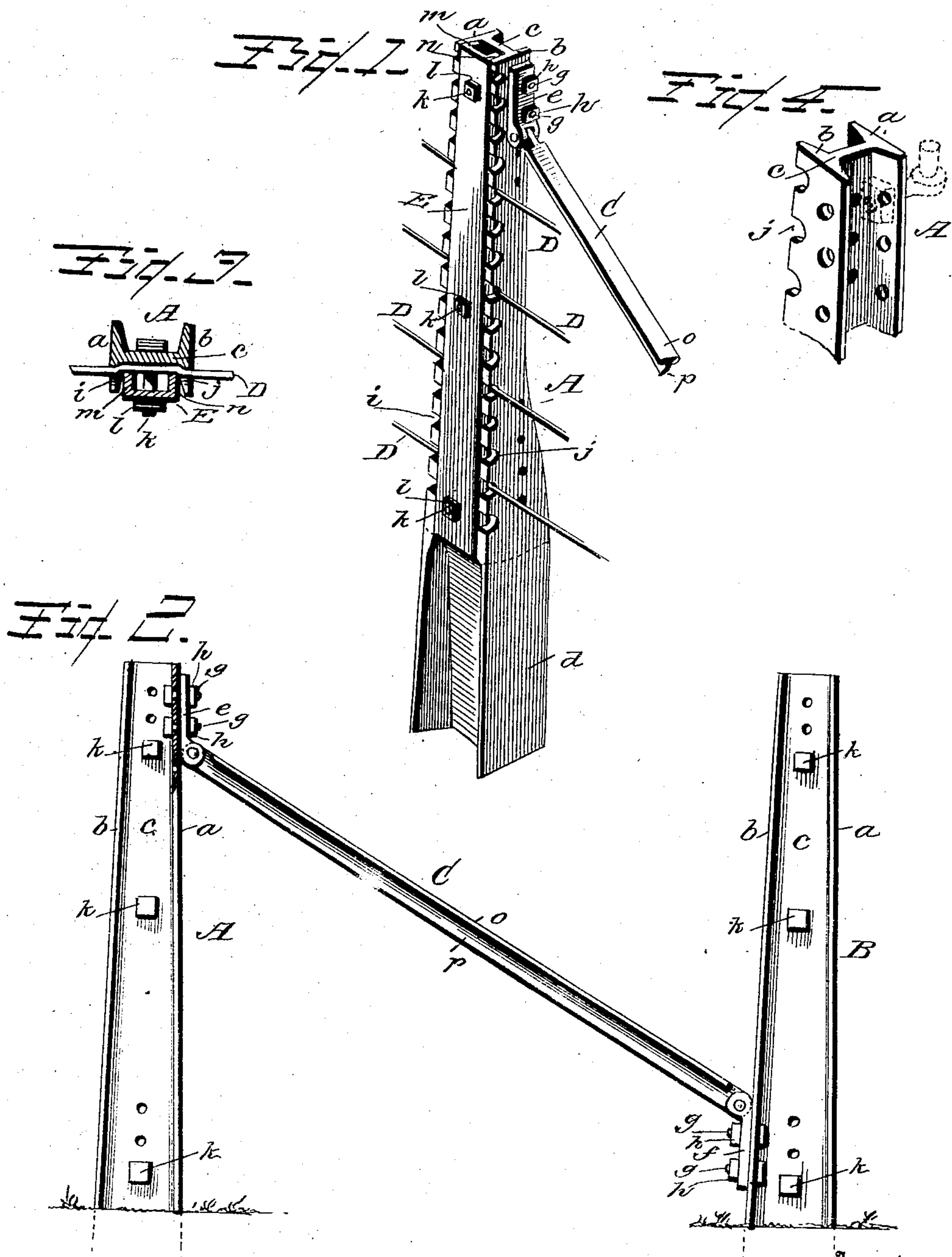


No. 814,403.

PATENTED MAR. 6, 1906.

G. B. SMITH.
FENCE POST.

APPLICATION FILED NOV. 20, 1905.



Witnesses
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UNITED STATES PATENT OFFICE.

GEORGE B. SMITH, OF GALLATIN, MISSOURI.

FENCE-POST.

No. 814,403

Specification of Letters Patent.

Patented March 6, 1906.

Application filed November 20, 1905. Serial No. 288,186.

To all whom it may concern:

Be it known that I, GEORGE B. SMITH, a citizen of the United States, residing at Gallatin, in the county of Daviess and State of Missouri, have invented certain new and useful Improvements in Fence-Posts; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters of reference marked thereon.

The present invention has for its object to provide a simple and practical fence-post in which the wires of the fence are securely fastened thereto and readily removed when required and the post firmly braced with the post next to it, whereby a perfect fence of unusual strength and service is obtained without adding materially to the cost of construction.

The invention consists in a fence-post constructed substantially as shown in the drawings and hereinafter described and claimed.

Figure 1 of the drawings is a perspective view of a fence-post constructed in accordance with my invention; Fig. 2, a front elevation showing the reverse side of the posts to that illustrated in Fig. 1, the hinged brace-bar being shown as connecting the two posts; Fig. 3, a horizontal cross-section through the post with the fence-wire connected thereto; Fig. 4, a detail perspective view showing the upper portion of the post.

In the accompanying drawings, A represents the post, preferably of metal, consisting of the two sides *a b*, connected by the web *c*, whereby a double-channeled post is obtained possessing both strength and lightness, the lower portion of the post, or that part which is to enter the ground, being increased in size, as indicated at *d*. Every alternate post is provided with a diagonal brace-bar C to be connected to the post next following, the second post being indicated at B in Fig. 2 of the drawings, the ends of the brace-bar being hinged to brackets *e f*, respectively. The brackets are removably connected to the posts by bolts *g* and nuts *h*, the bracket *e* being connected to the post A at the upper end thereof and the bracket *f* connected to the

post B near its lower end, each pair of posts, as shown in Fig. 2 of the drawings, being braced by the diagonal brace-bar with the exception of the two posts between which the gate is hung.

The front edges of the sides *a b* of the fence-post are provided with a plurality of notches *i j*, respectively, which notches are close together, so that any number of fence-wires may be used to increase or decrease the space between them as found desirable. The fence-wires, as represented at D, engage the notches *i j* and from their point of engagement with the notches are drawn into the channel or space between the sides *a b* and against the web *c* by means of the channeled clamp E. The notches *i j* are not on the same plane with the plane of the web *c*, so that when the fence-wire is clamped or drawn against the web a bend will be produced in the wire to hold it more securely in the post. The channeled form of the clamp E provides jaws *m n*, which more effectively press the wire against the web *c* to give it the necessary bend or crimp.

The brackets *e f* may be of any suitable construction, and in order to increase or diminish the distance between the posts the brackets are adjustable thereon, as well as enabling the brace-bar C to adapt itself to the distance between the posts after said posts have been set in the ground. Any suitable means may be employed for rendering the brackets adjustable, so as to increase or diminish their height with relation to the ends of the post, and one of many means that may be provided resides in increasing the number of bolt-holes therein.

It is preferred that the brace-bar may be T shape in cross-section, comprising the two parts *o p* in Fig. 2 of the drawings, so that strength with lightness is obtained and a perfect brace for the post the result.

A fence-post constructed of metal with provisions for securing the wires thereto in connection with the brace-bar provides a strong and durable post in which the fence-wires are firmly held thereto and readily removed when required, and a fence constructed with posts embodying the features herein

described will be perfect in combining all the essential features of a fence in durability and wear.

Having now fully described my invention,
5 what I claim is—

A channeled fence-post having notches for the fence-wires and a channeled clamp for securing the wires to the post, said post having a longitudinally-adjustable bracket and a di-

agonal brace hinged to said bracket, sub- 10
stantially as and for the purpose specified.

In testimony whereof I affix my signature
in presence of two witnesses.

GEORGE B. SMITH.

Witnesses:

GEORGIA H. HAYNES,
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