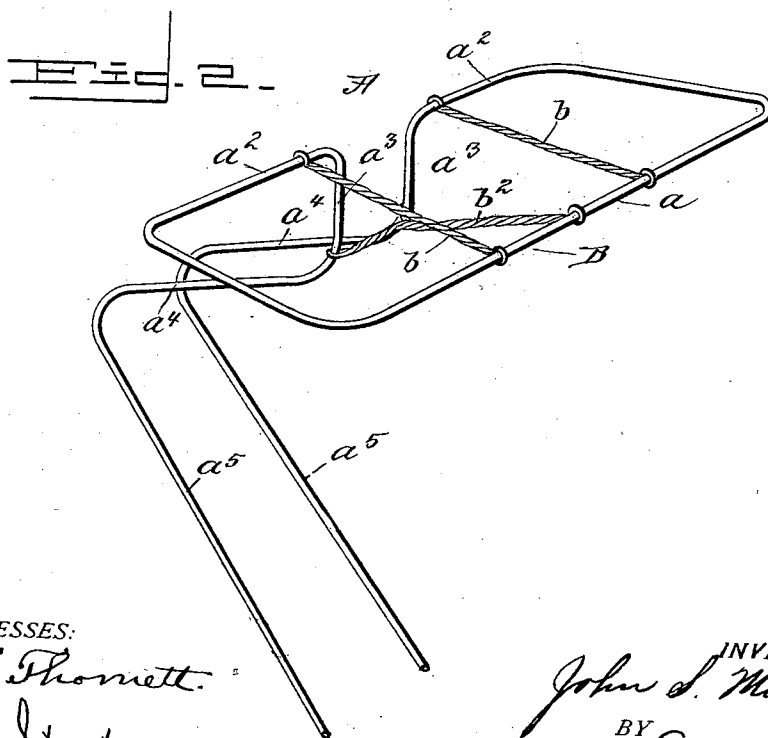
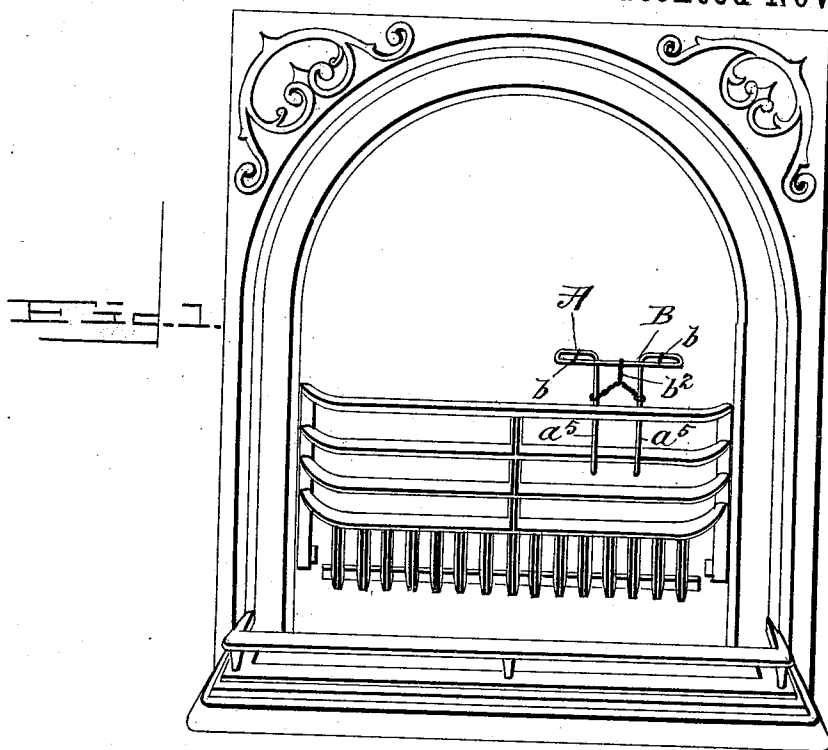


(No Model.)

J. S. MONTGOMERY.
GRATE ATTACHMENT.

No. 508,736.

Patented Nov. 14, 1893.



WITNESSES:

B. F. Thoniet.

L. F. Stanton

INVENTOR.

John S. Montgomery

BY

Evert K. Applinman
ATTORNEYS,

UNITED STATES PATENT OFFICE.

JOHN S. MONTGOMERY, OF GEORGETOWN, KENTUCKY.

GRATE ATTACHMENT.

SPECIFICATION forming part of Letters Patent No. 508,736, dated November 14, 1893.

Application filed January 4, 1893. Serial No. 457,222. (No model.)

To all whom it may concern:

Be it known that I, JOHN S. MONTGOMERY, a citizen of the United States of America, residing at Georgetown, in the county of Scott and State of Kentucky, have invented certain new and useful Improvements in Grate Attachments, of which the following is a specification, reference being had to the accompanying drawings.

10 This invention relates to certain new and useful improvements in grate attachments, the object of the invention being to provide a device adapted for ready and convenient attachment to the basket of a grate; further-
15 moreover, to so form the same whereby it shall be capable of supporting various forms of vessels, sad irons or the like, for purposes of heating; finally, to employ a simple, yet strong and durable construction and at the same
20 time one that shall be comparatively inexpensive to manufacture.

With these objects in view the invention consists in various novel details of construction, combinations and arrangements of parts
25 to be hereinafter more fully described and claimed.

In describing the invention in detail reference is had to the accompanying drawings forming part of this specification, wherein
30 like letters indicate corresponding parts in both views, in which—

Figure 1 is a view in perspective of one form of device showing the application to a grate. Fig. 2 is an enlarged detail view of
35 the same, detached.

In the drawings: A, indicates the attachment comprising a shelf B, preferably rectangular in form and provided with strengthening ties *b, b*. From the rear side of this
40 shelf-portion the ends *a², a²*, the wire *a*, forming the same are bent downwardly as at *a³, a³*, then outwardly as at *a⁴, a⁴*, and terminate in

the inclined legs *a⁵, a⁵*. To further provide against disarrangement or bending of the body portion a second tie *b²*, approximately
45 V-shaped, connects the front of the shelf portion with the downwardly bent ends *a³, a³*.

The advantages of this invention lie in its simplicity and effectiveness. First, the body of the device is formed by the bending up of
50 a single length of wire; second, owing to the peculiar form adapted, a vessel may be supported directly over the fire as in Fig. 1, or reversed, that is to say placed on the basket
55 with the inclined legs pointing inwardly, thus bringing the shelf portion outside the grate to obtain a gentle heat, as will be obvious.

It will be particularly noted that various changes may be made in the detail construction without materially departing from the
60 general idea involved.

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

An attachment for grates, comprising a wire
65 bent to form an approximately rectangular shelf-portion, the extremities of said wire being again bent first downwardly then outwardly and terminating in downwardly inclined legs, the transversely arranged brace
70 wires connecting the side of said shelf portion and the centrally disposed brace wire extending from the outer side of said shelf portion and provided with branches which
75 are secured to the downwardly bent extremities at a point adjacent the inner side of said shelf, as specified.

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

JOHN S. MONTGOMERY.

Witnesses:

E. B. YATES,
W. G. ABBETT.