E. C. BREWSTER.

Gridiron.

No. 41,475. Patented Feb. 9, 1864.

Fig. 2.

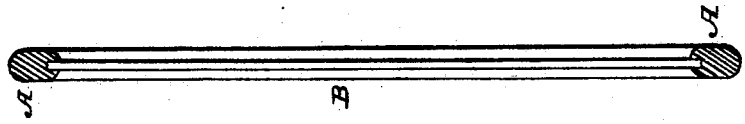
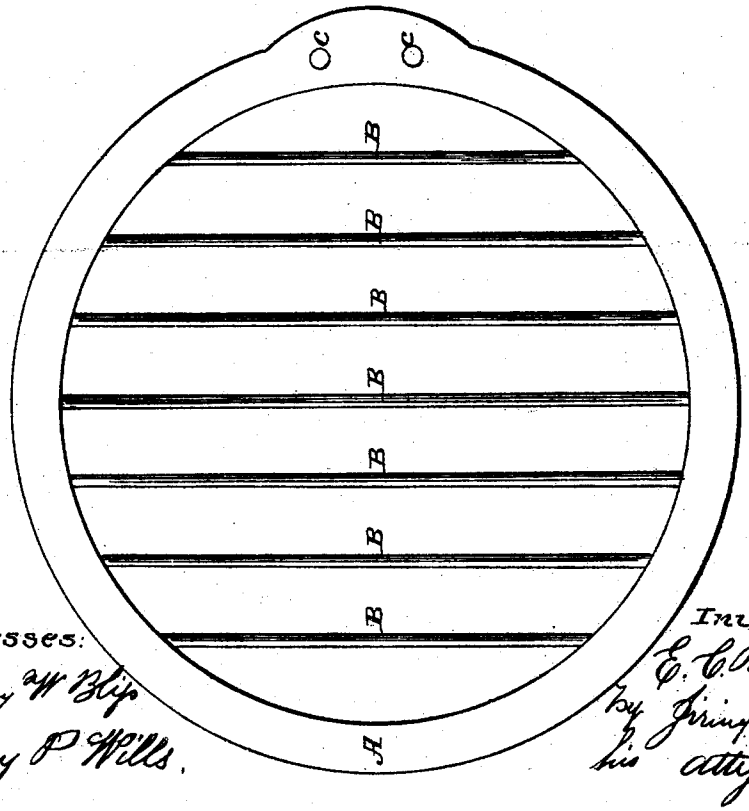


Fig. 1.



Witnesses:
Jiriny W Bliss
Sidney D Wills.

Inventor:
E. C. Brewster
by Jiriny W Bliss.
his attys.

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UNITED STATES PATENT OFFICE.

E. C. BREWSTER, OF BRISTOL, CONNECTICUT.

IMPROVEMENT IN GRIDIRONS.

Specification forming part of Letters Patent No. **41,475**, dated February 9, 1864.

To all whom it may concern:

Be it known that I, E. C. BREWSTER, of Bristol, county of Hartford, and State of Connecticut, have invented certain new and useful Improvements in Gridirons; and I do hereby declare that the same is described and represented in the following specification and drawings; and to enable others skilled in the art to make and use said improvement I will proceed to describe its construction, and referring to the drawing, in which the same letters indicate like parts in each of the figures.

This improvement relates to the improved mode of manufacture of gridirons; and the object is to produce a better and more useful article for use and trade.

It consists, principally, in the employment or combination of two kinds of metals—viz., wrought-iron and cast-iron. By combining the two together and uniting them in one piece in the casting process a twofold object is produced over others now in use. First, they can be made much lighter, and therefore more convenient for use; second, the wrought-iron bars or wires may be quite small, and yet possess sufficient strength for all necessary purposes, and thereby will present more surface (of the article or material being cooked thereon) to the heat of the fire, and at the same time is not liable to be broken as when made all of cast iron, and will also be more substantial and durable for use than when made all of wire or wrought-iron.

In the accompanying drawing, A, Figure 1, is a cast-iron rim made round either in its diameter or in its section, or in any other desirable shape; B, are wrought-iron bars or wires placed at suitable distance apart inside of the rim A, the ends of which are secured into the rim while it is being cast. The process for performing this connection (casting the ends of the wires into the rim) is well known to all foundrymen.

I claim—

I believe I have thus shown the nature, construction, and advantage of my improvement so as to enable a person skilled to make and use the same.

As a new and improved article of manufacture, the gridiron constructed substantially as described.

E. C. BREWSTER.

Witnesses:

SIDNEY P. WELLS,

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