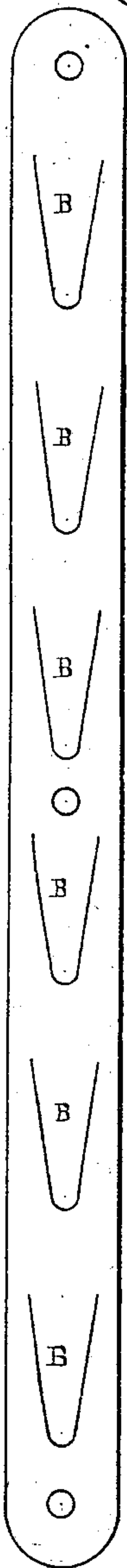


C. B. Long,
Gas Pipe Hook.

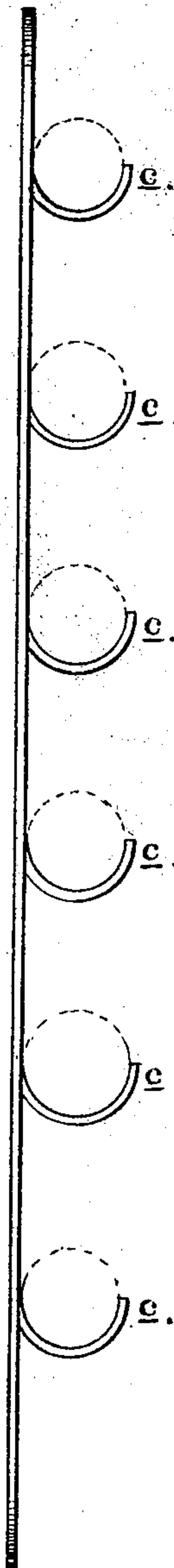
No. 104,326.

Patented June 14, 1870.

— Fig 1. —



— Fig 3. —



— Fig 2. —



— INVENTOR. —

Charles B. Long

— WITNESSES. —

Henry J. Leland
Leonard E. Johnson

United States Patent Office.

CHARLES B. LONG, OF WORCESTER, MASSACHUSETTS, ASSIGNOR TO HIMSELF AND JONATHAN LUTHER, OF SAME PLACE.

Letters Patent No. 104,326, dated June 14, 1870.

IMPROVED STEAM AND GAS-PIPE HOOK.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, CHARLES B. LONG, of Worcester, in the county of Worcester, Commonwealth of Massachusetts, have invented a new and improved Steam or Gas-pipe Hook—a useful and necessary fixture in putting up steam or gas-pipes; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon making a part of this specification.

This invention consists in making wrought-iron hooks from plate-iron struck with dies, and formed with a former, thereby producing a hook cheaper and superior to the cast-iron hook now in use.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

In the drawing—

Figure 1 represents the appearance of the iron as it receives the die under the press.

Figure 2 represents the tongue B struck out in readiness for the former which is to form the hook C.

Figure 3 represents the hooks C when finished ready for use.

I take a plate of wrought iron of suitable width and thickness, cut it up into lengths for one or more hooks, as may be wanted, and then cut the tongue B under a die, as in figs. 1 and 2, and then, by a simple process with a former, the tongue B is formed into a hook, as in fig. 3, letters C C C C C C.

What I claim as my invention, and desire to secure by Letters Patent, is—

The hooks C, made substantially as herein described, as a new article of manufacture and merchandise.

Worcester, Massachusetts, October 17, 1868.

CHARLES B. LONG. [L. s.]

Witnesses:

H. K. MERRIFIELD,
F. A. GASKILL.