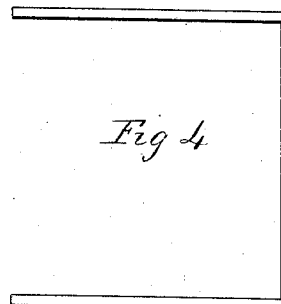
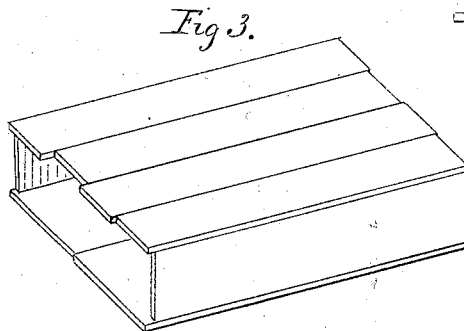
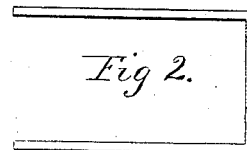
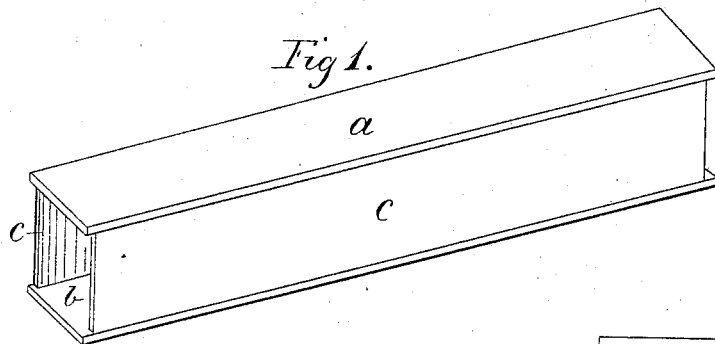


E. G. SCOVIL.

BOX-PILES.

No. 169,850.

Patented Nov. 9, 1875.



WITNESSES:

Alvin Barris
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INVENTOR. *by*

C. S. Whitman

ATTORNEY.

UNITED STATES PATENT OFFICE.

EDWARD G. SCOVIL, OF ST. JOHN'S, NEW BRUNSWICK.

IMPROVEMENT IN BOX-PILES.

Specification forming part of Letters Patent No. **169,850**, dated November 9, 1875; application filed September 17, 1875.

To all whom it may concern:

Be it known that I, EDWARD GEORGE SCOVIL, of St. John's, county of St. John's and Province of New Brunswick, have invented certain Improvements in Box-Piles.

The following description, taken in connection with the accompanying plate of drawings, hereinafter referred to, forms a full and exact specification, wherein are set forth the nature and principles of the invention, by which the same may be distinguished from others of a similar class, together with such parts thereof as are claimed as new, and are desired to be secured by Letters Patent of the United States.

My invention relates to that class of implements made use of in the manufacture of iron, commonly known as box-piles; and the nature thereof consists in certain improvements in the construction of the same, hereinafter described.

In the accompanying plate of drawings, in which corresponding parts are designated by the same letters, Figure 1 is a perspective view of a box-pile having my improvements applied thereto. Fig. 2 illustrates the manner in which the side pieces *c* are bent, and constructed of one and the same piece of metal. Figs. 3 and 4 are modifications of Figs. 1 and 2.

In carrying out my improved mode of box-piling preparatory to the action of the rolling-mill, I make use of the box-pile illustrated in Fig. 1 for large merchant iron, or any heavy iron. The said box-pile consists in a top bar, *a*, a bottom bar, *b*, and the side pieces *c*, which are formed by bending the metal of which they are composed into the form clearly shown in Fig. 2.

The box-pile illustrated in Figs. 3 and 4 is substantially the same with that shown in Figs. 1 and 2, except that the number of top and bottom plates is greater in the former case.

Having thus described my invention in such a manner as to render it clearly understood by those acquainted with the art to which the invention relates, I claim as new and desire to secure by Letters Patent of the United States—

A box-pile having sides *c* formed of one and the same piece of metal, substantially as described.

In testimony that I claim the foregoing I have hereunto set my hand this 8th day of September, 1875.

EDWARD GO. SCOVIL.

Witnesses:

T. B. ROBINSON,
F. PERRY BOURNE.