

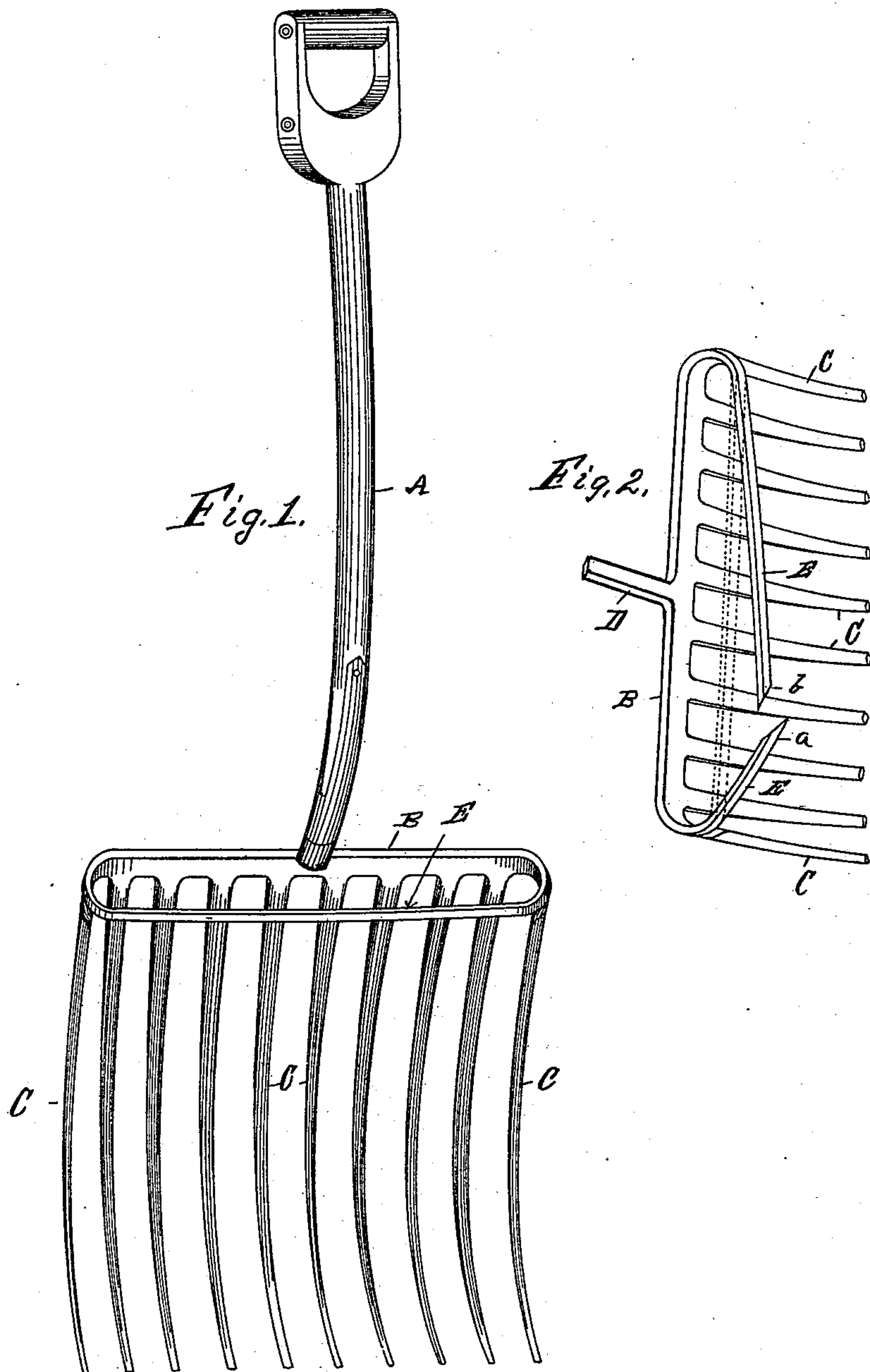
(No Model.)

F. L. ANDREWS.

FORK.

No. 395,941.

Patented Jan. 8, 1889.



Witnesses.

F. J. Bassett

G. A. M. Darnell.

Inventor.

Fairman L. Andrews

By *H. Sturges*
Att'y.

UNITED STATES PATENT OFFICE.

FAIRMAN L. ANDREWS, OF MILES GROVE, PENNSYLVANIA.

FORK.

SPECIFICATION forming part of Letters Patent No. 395,941, dated January 8, 1889.

Application filed July 16, 1888. Serial No. 280,104. (No model.)

To all whom it may concern:

Be it known that I, FAIRMAN L. ANDREWS, a citizen of the United States, residing at Miles Grove, in the county of Erie and State of Pennsylvania, have invented certain new and useful Improvements in Forks; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, forming part of this specification.

My invention consists in the improvement in forks hereinafter set forth and explained, and illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view of one of my improved forks. Fig. 2 is a perspective view of a portion of same in process of manufacture.

The objects of my invention are, first, to construct a fork adapted to be used for handling coke and other broken materials with a guard across and above the head of the fork from one side thereof to the other, in such shape as to retain the materials being handled from falling back over the head of the fork; second, to construct the guard from the same material and as an integral part of the fork.

In the drawings, A is the handle of the fork, B the head, and C the tines of the fork.

In the construction of this fork I preferably make the head B, tines C, shank D, and guard E of a single piece of steel, without any weld therein, except one in the guard E, the ends *a* and *b* of which are brought together,

as illustrated in Fig. 2, and afterward welded into the form shown in Fig. 1 and by the dotted lines in Fig. 2, the same being substantially lateral projections of the head B bent around and brought together in a line substantially parallel thereto, the guard E being about the same distance above the head B that the tines C are apart. It will also be observed that each end of the head B is curved upward, bringing the two outside tines above the others, so as to prevent the material being handled from falling over the sides of the fork, which feature, in connection with the guard E, makes the fork substantially a scoop, so that articles like potatoes in bulk, coke, hard coal, and such materials may be handled therewith much more conveniently than with scoops or with coke-forks as now constructed.

Therefore what I claim as new, and desire to secure by Letters Patent of the United States, is—

1. A coke-fork having a guard integral therewith secured above the fork-head and parallel thereto extending from one end of the fork-head to the other, substantially as and for the purpose set forth.

2. A guard extending from one end of a fork-head to the other and made integral and parallel therewith, substantially as and for the purpose set forth.

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

FAIRMAN L. ANDREWS.

Witnesses:

A. DENIO,
FRANK REED.