

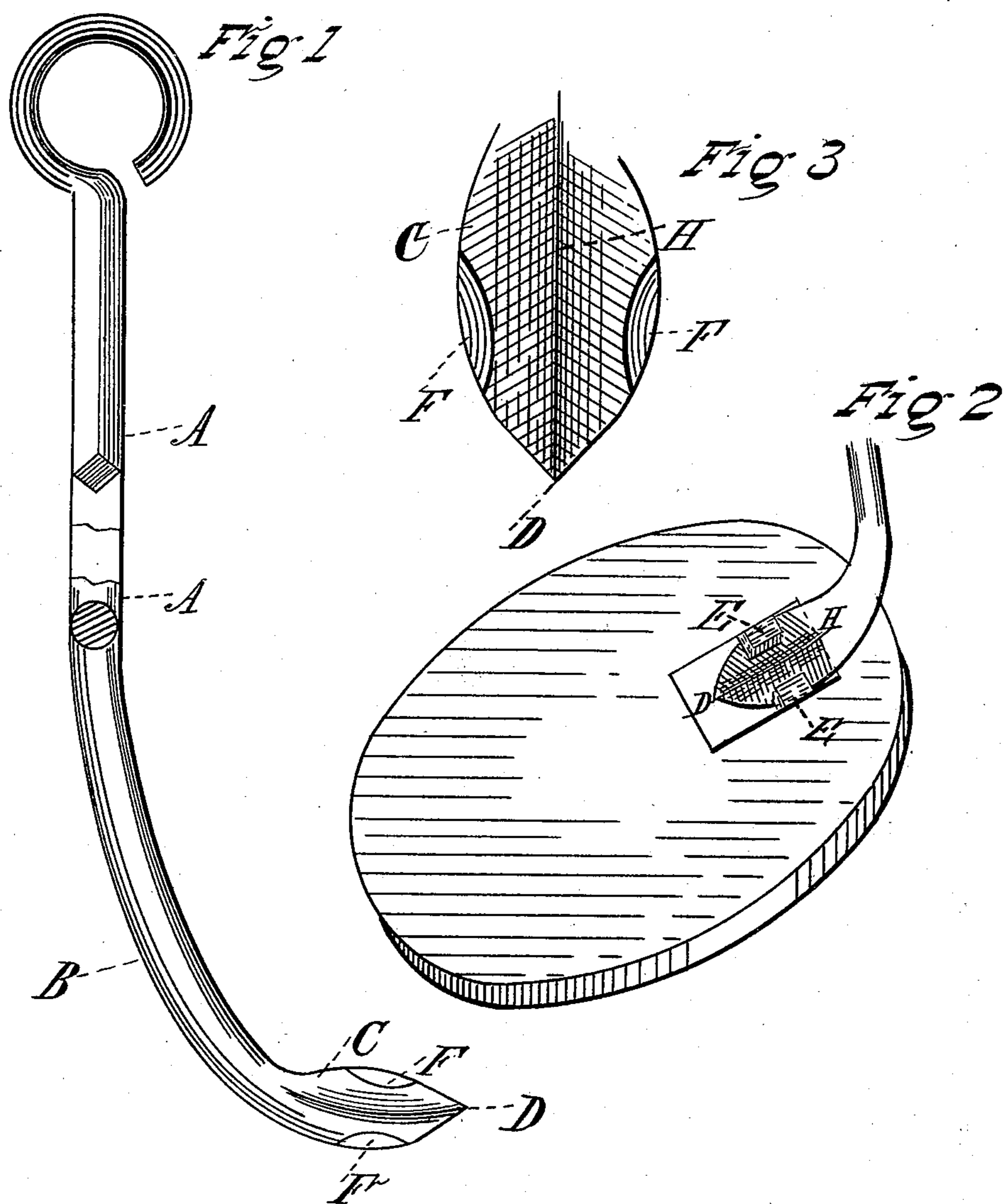
(No Model.)

J. P. BECK.

COMBINED STOVE LID LIFTER, RAKE, AND POKER.

No. 323,845.

Patented Aug. 4, 1885.



WITNESSES:

J. D. Cooper
J. Worsley

INVENTOR

James Preston Beck

UNITED STATES PATENT OFFICE.

JAMES PRESTON BECK, OF LAWRENCE, KANSAS.

COMBINED STOVE-LIFTER, RAKE, AND POKER.

SPECIFICATION forming part of Letters Patent No. 323,845, dated August 4, 1885.

Application filed December 2, 1884. (No model.)

To all whom it may concern:

Be it known that I, JAMES P. BECK, of Lawrence, in the county of Douglas and State of Kansas, have invented an Improved Combined Stove-Lifter, Rake, and Poker, of which the following is a specification.

I will first explain the object of the invention.

To conveniently operate every cook stove or range three things are necessary, to wit: first, a stove-lifter for removing and handling the covers; second, a straight poker with which to stir the fire, and, third, a crooked poker with which to rake the ashes and remove cinders.

The object of this invention is to construct an implement capable of performing the functions which are referred to, so that the same implement which is used for stirring the fire can also be used for lifting the stove-lids, and also for raking the ashes and taking out cinders, between which, owing to the spear-like form of the implement, it will readily pass. I attain these objects by the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is a side elevation of the instrument when ready for use, showing sections of top and lower parts. Fig. 2 is a perspective view showing how the instrument fits the stove-lid when used as a lifter, raising the lid in a perpendicular manner from the hole. Fig. 3 is a top plan view of the lifter and penetrating point.

Similar letters refer to similar parts throughout the several views.

In Fig. 1, A is a metal rod curved at the end that enters the fire in the arc of a cycloid, as at B in Fig. 1. By reason of this curve it will enter the fire and penetrate the fuel and cinders, substantially as readily as if it were straight, while at the same time a sufficient arc is presented to answer all the purposes of a crooked poker and rake, for which a separate instrument has heretofore been required. The rod is flattened and widened out near the end, as at c in Fig. 3, so as to enter the depression in the stove-lid and pass under the ears that project from each side of the depression in the lid, as seen at E in Fig. 2, and

forming the lifter C, as shown in Fig. 1. The lifter, being thicker in the middle than at the edges, forms an angle, (marked H,) as in Fig. 3. The use of this angle is to hold the lid firm and prevent it from turning or swinging laterally when lifted perpendicularly from the hole. When in use this angle extends up between the ears on each side of the depression in the lid, thus forming a wedge, holding it firm. This angle varies from an acute to an obtuse angle, according to the weight of the lid, a heavy lid requiring a more acute angle than a light one.

The extreme end of the arc that enters the fire is pointed, as seen in Fig. 1 at D. This point serves a treble purpose: First, it is the point of the poker; second, it prevents the lifter from entering too far into the depression in the cover and regulates the distance to which it shall enter, and, third, being provided at the place where it joins the lifter with the shallow depressions on both sides, (marked F F in Figs. 1 and 3,) it catches the ears aforesaid on the sides of the depression in the top and prevents the cover from dropping off at the end in case it should slip along the angular part H.

My invention, thus constructed, is therefore a poker, a stove-lid lifter, and a rake combined in one instrument, so that it can be utilized to perform the work which has heretofore required three pieces.

In addition to saving the expense of two additional instruments, it avoids the confusion and delay incident to keeping in place and order three separate pieces of stove furniture.

What I claim, and desire to secure by Letters Patent of the United States, is—

1. The poker A, having the curve B, of the form described, and the end formed as a lid-lift, C, substantially as specified.

2. The poker A, having the curve B, of the form described, the point D, and the part C, formed as a lid-lifter, substantially as specified.

JAMES PRESTON BECK.

Witnesses:

S. D. COOPER,
F. WORSLEY.