

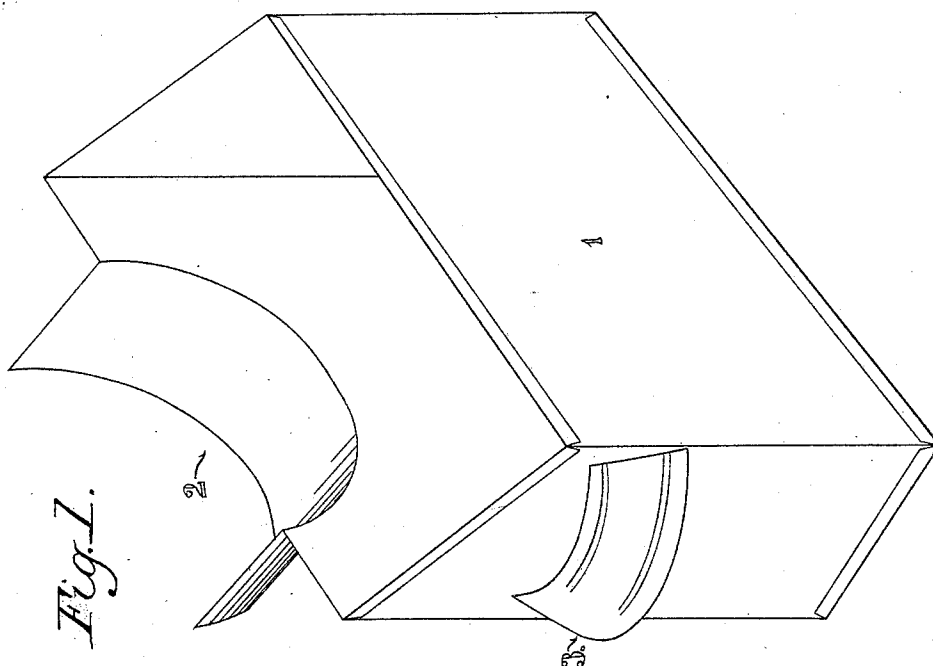
(No Model.)

2 Sheets—Sheet 1.

S. HART.
SELF SUSTAINING SOOT CATCHER.

No. 460,205.

Patented Sept. 29, 1891.



Witnesses.
A. G. Schumacher
George A. McLaure.

Sarah Hart Inventor.
By *A. S. F. W. Smith* Attorney.

(No Model.)

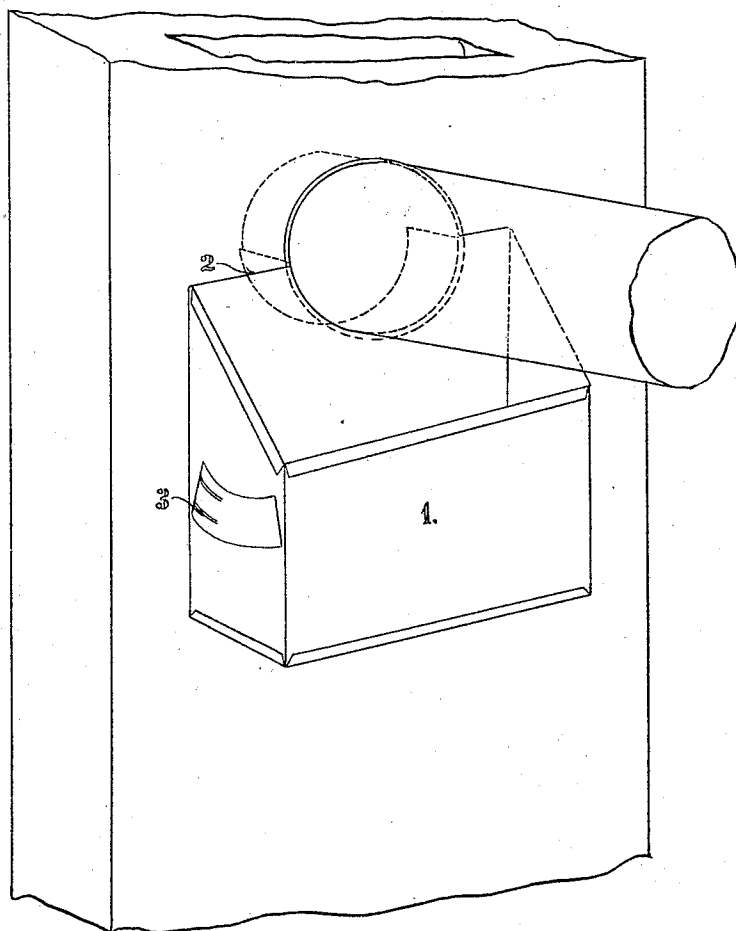
2 Sheets—Sheet 2.

S. HART.
SELF SUSTAINING SOOT CATCHER.

No. 460,205.

Patented Sept. 29, 1891.

FIG. 2.



Witnesses.

A. Schmale
Benjamin Geer

Sarah Hart. Inventor.

By *A. H. Swarsted*
her Attorney.

UNITED STATES PATENT OFFICE.

SARAH HART, OF ST. LOUIS, MICHIGAN.

SELF-SUSTAINING SOOT-CATCHER.

SPECIFICATION forming part of Letters Patent No. 460,205, dated September 29, 1891.

Application filed March 12, 1891. Serial No. 384,796. (No model.)

To all whom it may concern:

Be it known that I, SARAH HART, a citizen of the United States, residing at St. Louis, in the county of Gratiot and State of Michigan, have invented certain new and useful Improvements in Self-Sustaining Soot-Catchers; and I do 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 figures of reference marked thereon, which form a part of this specification.

My invention relates to soot-catchers for household purposes; and its object is to provide a pan so made that it will remain in position when the stove-pipe is removed without assistance and ready at all times to catch the soot that may fall from the pipe or chimney, which otherwise would go upon the carpet, greatly to its damage and the chagrin of those operating.

Figure 1 shows my complete self-sustaining soot-catcher. Fig. 2 shows the position of the soot-catcher ready for use.

1 is the pan or receptacle for the soot and may be made of tin or other serviceable material.

2 is a piece of tin or other metal bent semi-circularly and secured to the back of 1. It is of the size and shape of a chimney-thimble and designed to slide into the thimble-hole between it and the stove-pipe. I provide handles 3 for the pan, which may be on the ends, as shown, or in other suitable position. 2 should be of sufficient length to pass into the thimble far enough to sustain the weight

of 1 when filled with soot. As previously stated, I push the part 2 into the thimble between the pipe and the thimble. Then I remove the pipe, the catcher remaining in position, and if there is any soot in the end of the pipe it will drop into the pan. Then by using a bent rod I can scrape the inside of the chimney, raking the soot out into the pan, which can then be removed.

This article will be found of great convenience to housekeepers, as well as a great saving of labor and expense in washing or replacing carpets.

I do not wish to confine myself to any special form of parts, and therefore any change may be made as comes within ordinary mechanical skill without departing from the principle of my invention.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

As a new article of manufacture, a self-sustaining soot-catcher consisting of a receptacle for the soot provided with a rear projection semicircular in form, being a concavo-convex plate and adapted to be inserted into the chimney-thimble under the pipe and holding the receptacle against the wall under the pipe, whereby when the pipe is withdrawn from the thimble the soot will be caught in the receptacle, substantially as described.

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

SARAH HART.

Witnesses:

L. C. SCHMALIS,
J. T. PHILLIPS.