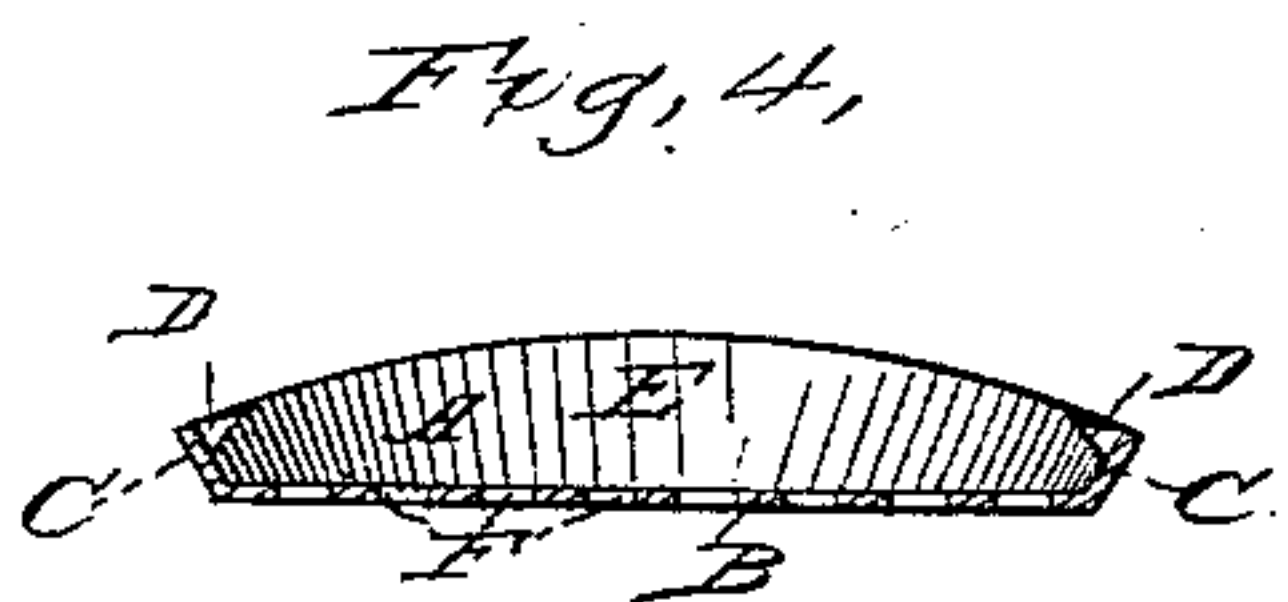
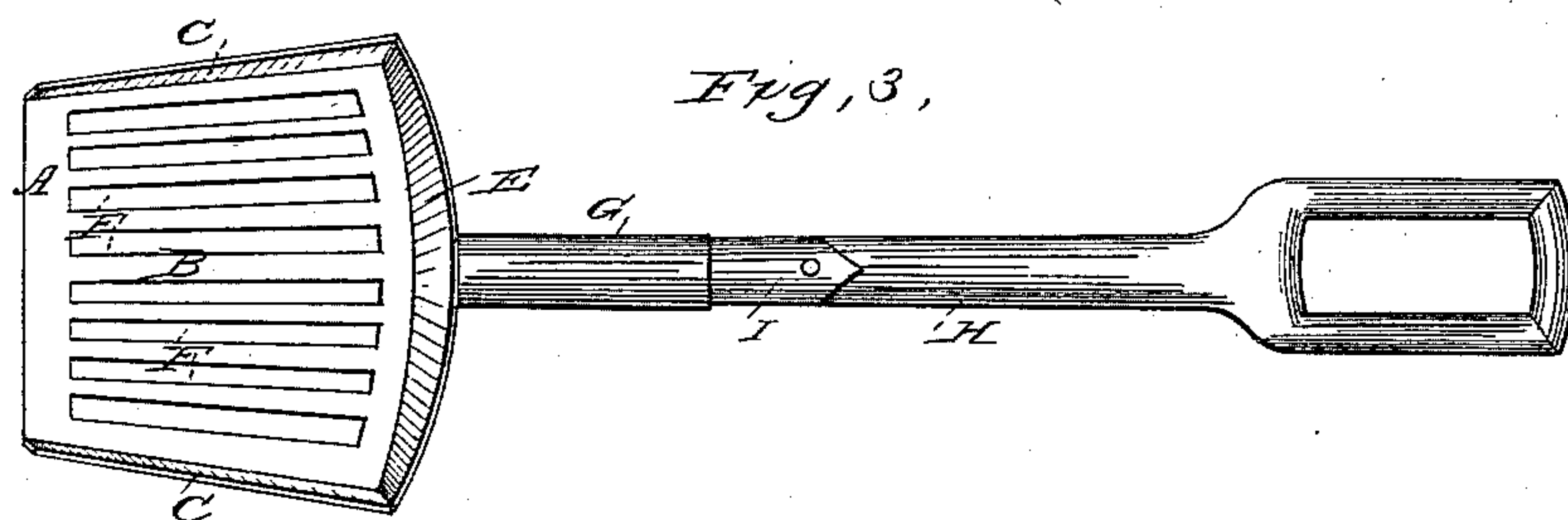
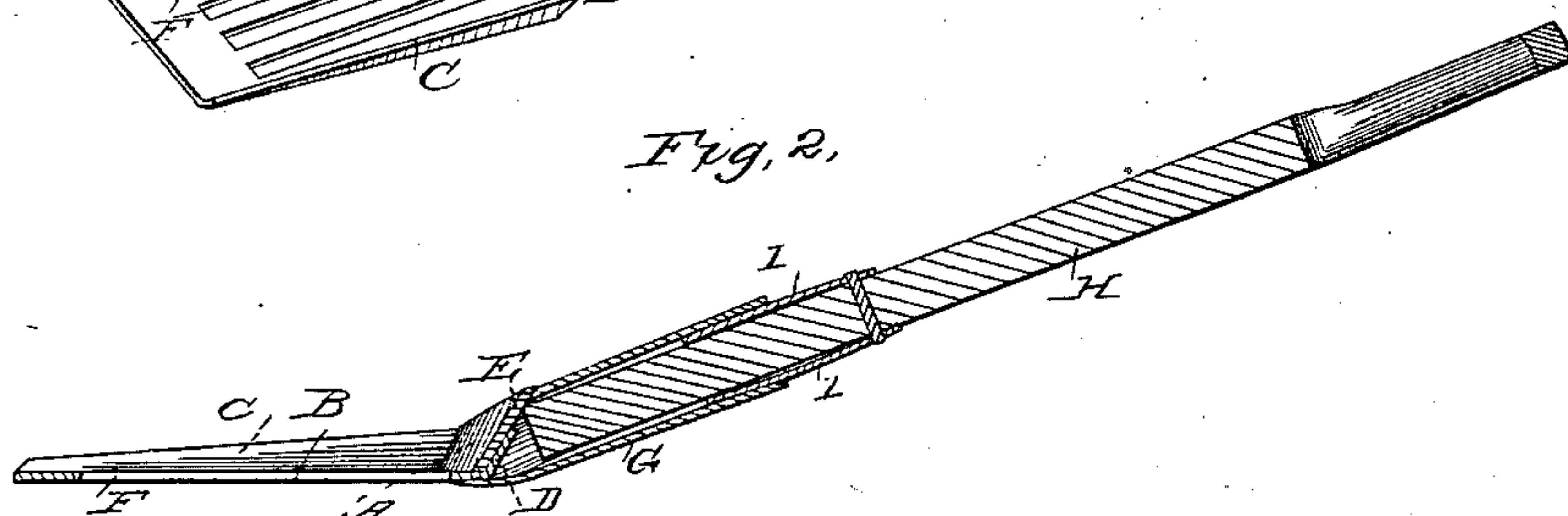
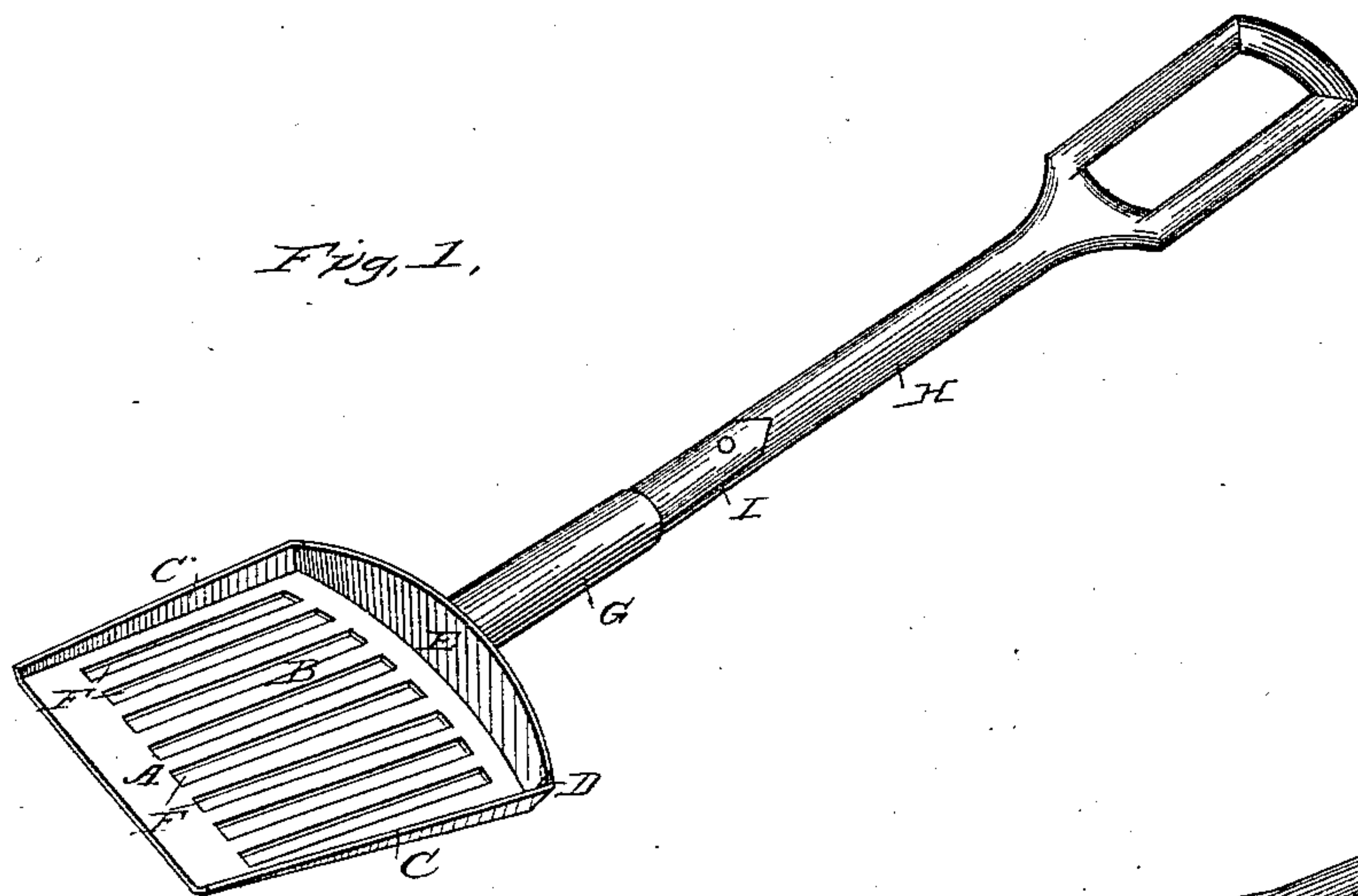


(No Model.)

W. C. LUTZ.
SCOOP OR SHOVEL.

No. 259,407.

Patented June 13, 1882.



WITNESSES:

Ad. L. Dietrich
Jno. W. Stockett

INVENTOR.

W. C. Lutz
by *C. A. Snow & Co.* ATTORNEYS.

UNITED STATES PATENT OFFICE.

W. CLAY LUTZ, OF BEDFORD, ASSIGNOR OF ONE-HALF TO JOHN DU BOIS,
OF EVERETT, PENNSYLVANIA.

SCOOP OR SHOVEL.

SPECIFICATION forming part of Letters Patent No. 259,407, dated June 13, 1882.

Application filed April 19, 1882. (No model.)

To all whom it may concern:

Be it known that I, W. CLAY LUTZ, of Bedford, in the county of Bedford and State of Pennsylvania, have invented certain new and
5 useful Improvements in Scoops and Shovels; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the
10 same, reference being had to the accompanying drawings, which form a part of this specification.

This invention relates to shovels or scoops for sifting coal, corn in the ear, &c., and has
15 for its object to provide a simple, durable, inexpensive, and efficient device; and to this end it consists in certain improvements in the construction and operation of the same.

In the drawings, Figure 1 is a perspective
20 view; Fig. 2, a longitudinal sectional view; Fig. 3, a plan view, and Fig. 4 a transverse sectional view.

Referring by letter to the drawings, A designates the body or blade of my improved
25 shovel, consisting of a flat plate, B, having its edges turned up to form forwardly-converging sides C C and rearwardly-curved back D. To the latter is secured an auxiliary curved back, E, and the plate B is provided with a series of
30 parallel longitudinal perforations or openings, F, said series extending entirely across plate B.

G is a cylindrical handle-socket, secured to the back D E.

H designates the handle, having secured on
35 opposite sides, at its connecting end, flat springs I I, which, when the handle is inserted into the socket G, press against the posterior sides of the latter and secure the handle in place.

To separate the latter it is only necessary to draw it from the socket. At the same time the
40 tension of the springs I I is sufficient to keep it in position when the shovel is in use.

The operation and advantages of my invention will be readily understood. Its construction is simple, the parts are readily separable,
45 and in use it is of superior convenience and utility. The material to be sifted is scooped up, the forwardly-converging sides C C and high back D E serving to keep it on the plate B. The extraneous portion is then sifted
50 through the long openings F.

I claim and desire to secure by Letters Patent—

1. The combination, with the shovel or scoop, comprising a plate having a back provided
55 with a cylindrical socket, of the handle, provided at its connecting end on opposite sides with flat springs adapted to bear against the posterior sides of the socket when the handle is inserted therein, as and for the purpose
60 specified.

2. The combination, with the body or blade A of the shovel comprising a flat plate, B, having forwardly-converging sides C C and rearwardly-curved back D, provided with aux-
65 iliary curved back E and cylindrical socket G, of the separable handle H, provided at its connecting end with flat springs I I, as and for the purpose specified.

In testimony that I claim the foregoing as
70 my own I have hereto affixed my signature in presence of two witnesses.

W. CLAY LUTZ.

Witnesses:

D. STEWART ELLIOTT,

J. R. SCHOOLEY.