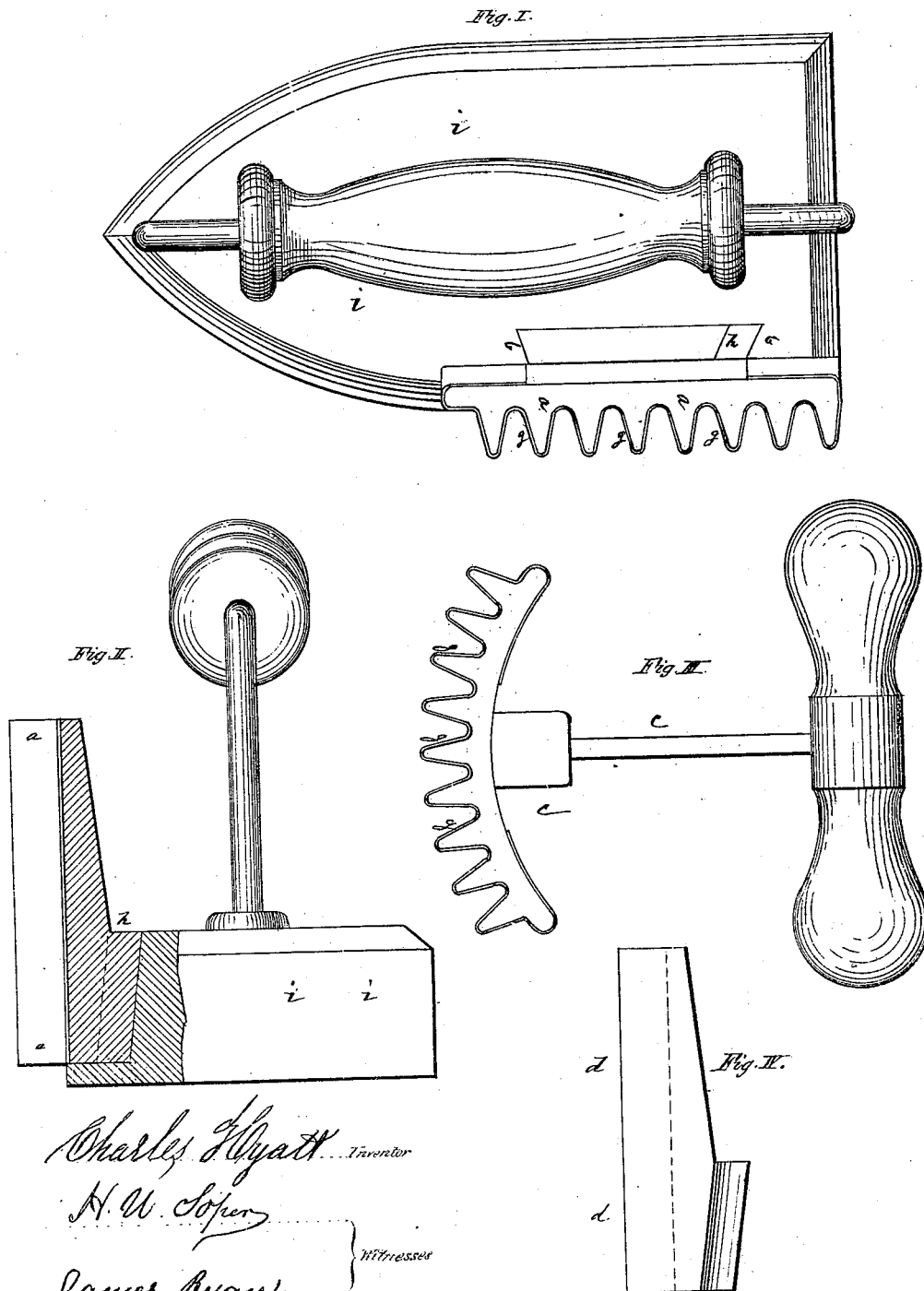


C. HYATT.

Fluting and Sad Iron.

No. 106,828.

Patented Aug. 30, 1870.



United States Patent Office.

CHARLES HYATT, OF BUFFALO, NEW YORK.

Letters Patent No. 106,828, dated August 30, 1870.

IMPROVED FLUTING AND SAD-IRON.

The Schedule referred to in these Letters Patent and making part of the same

I, CHARLES HYATT, of Buffalo, in the State of New York, have invented an Improved Combined Fluting and Sad-Iron, of which the following is a specification.

My invention relates to an improvement of the combined fluting and sad-iron, for which I obtained Letters Patent August 9, 1870.

Figure 1 is a plan view of my invention.

Figure 2 is an end elevation, partly sectional.

Figure 3 is a plan of the rocker or crimper.

Figure 4 is an end elevation of the detached fluting part.

My improvement upon the fluting and sad-iron I have heretofore invented consists in making the sad-iron with a dovetailed recess or groove upon one side, and the fluting or crimping part detached, so as to be inserted in the recess or groove, and covering the fluted part of the sad-iron, and of the rocking or crimping part, fig. 3, with sheet metal, nicely adjusted and fitted to the fluting part, and secured in any convenient manner; but I secure the sheet metal to the detached part by means of the dovetail and a key, *h*, or in any convenient manner.

The sheet metal is shown in the fluted or grooved part by the double lines *g g*.

The detached piece to be inserted into the side of the sad-iron may be cast entirely of brass or copper,

or some bright or soft metal, which can be polished readily, and will retain its polish.

The sad-iron is made in the usual manner, except the dovetail recess, which does not interfere with its use as a sad-iron, either before or after the insertion of the fluting part, and the manufacture is facilitated by casting the sad-iron and the fluting part separately, and covering the fluting or grooved part with sheet metal secures a smooth and polished surface, which can be readily renewed at any time, and the casting of the fluting part entirely of brass or metal that will receive a polish more readily than cast-iron, and fitting to the sad-iron in the dovetail recess, secures many advantages, but the same advantages are all substantially attained by covering the flutes with sheet metal of some kind, and, in addition, will probably be cheaper.

Having thus described my invention,

What I claim is—

The combination of a sad-iron, *i*, with a fluted detachable plate, *a*, and crimper *c*, one or both of the two latter being lined or faced with metal *g*, constructed and arranged substantially as and for the purpose specified.

Witnesses:

H. U. SOPER,
JAMES RYAN.

CHARLES HYATT.