

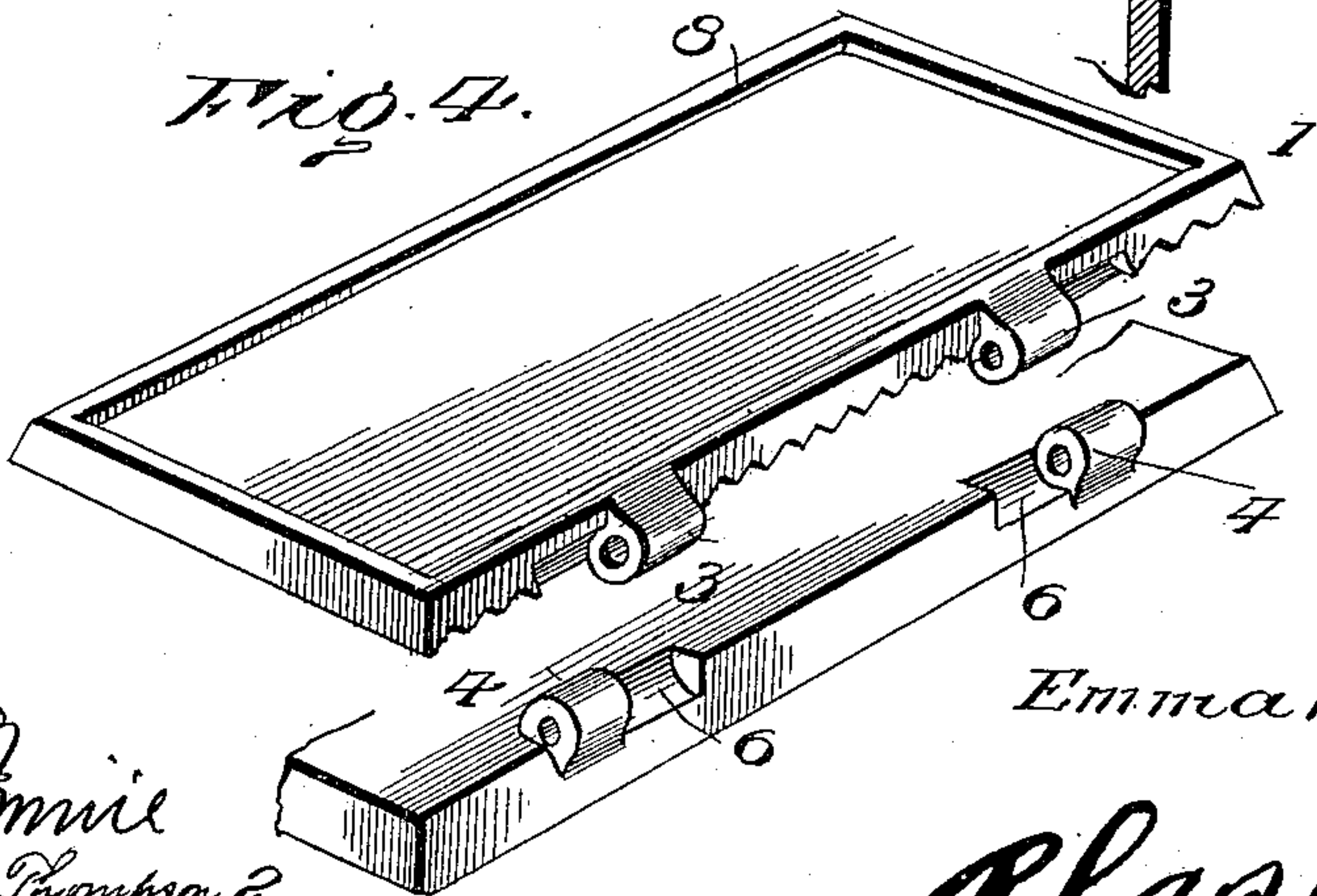
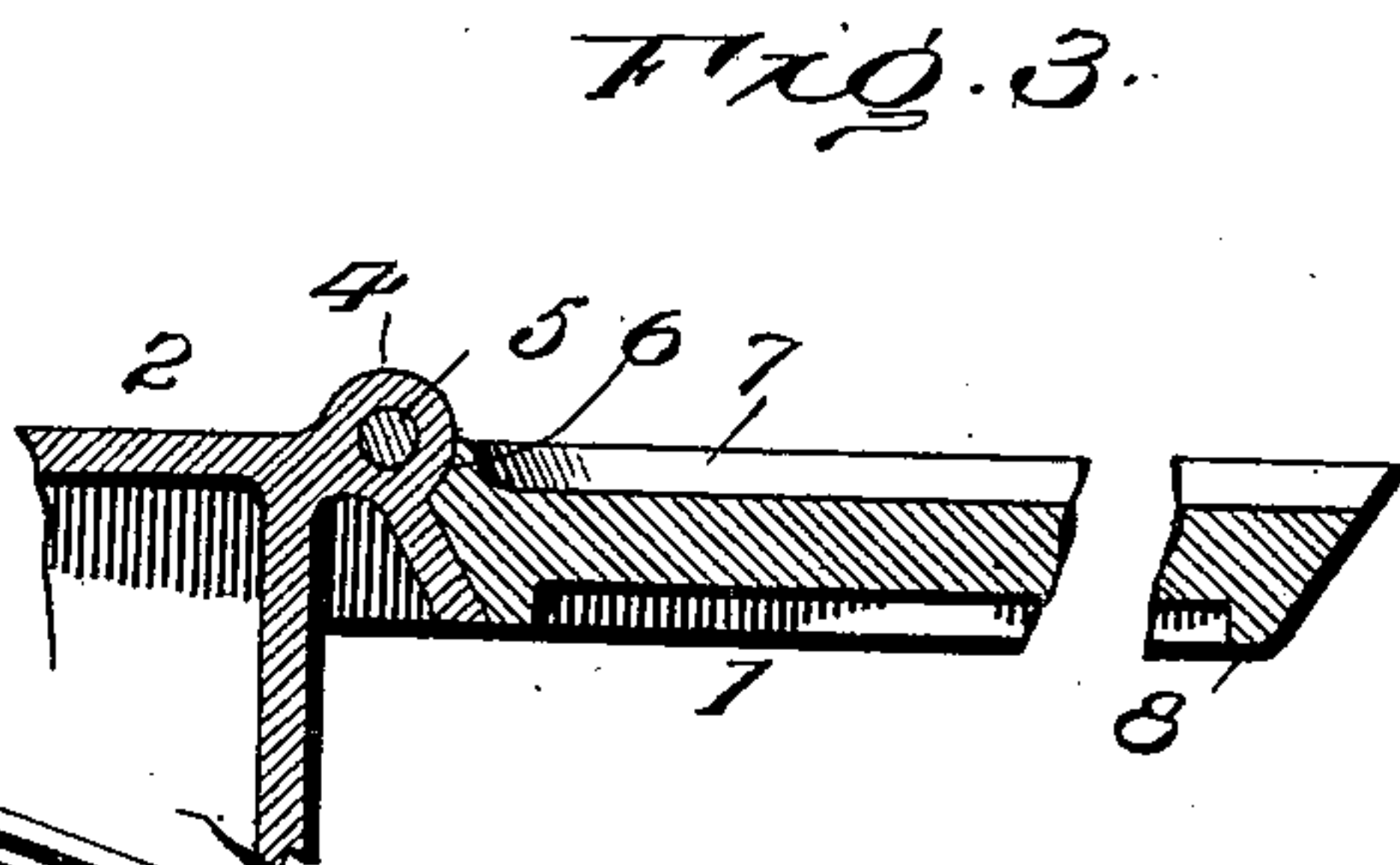
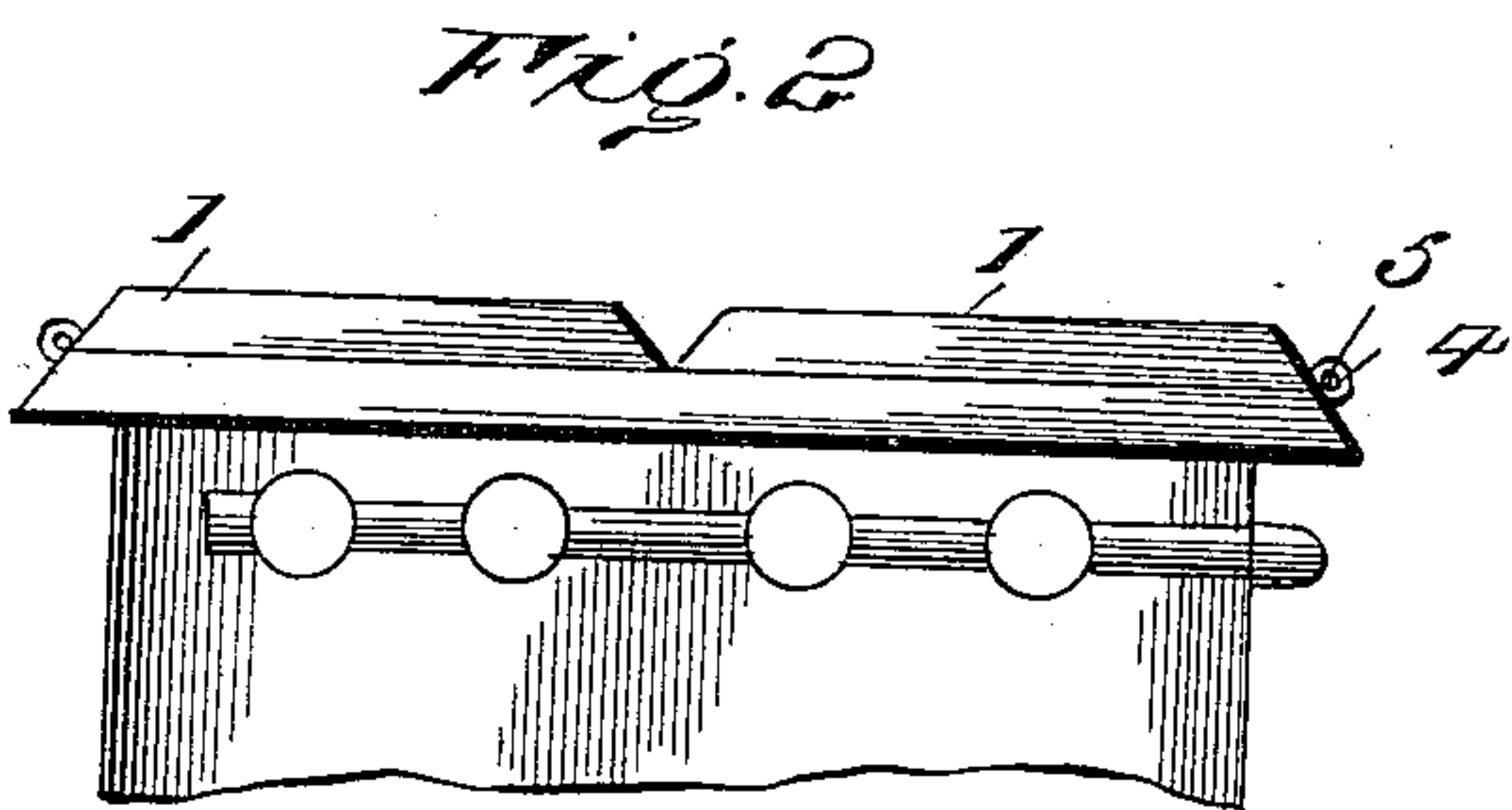
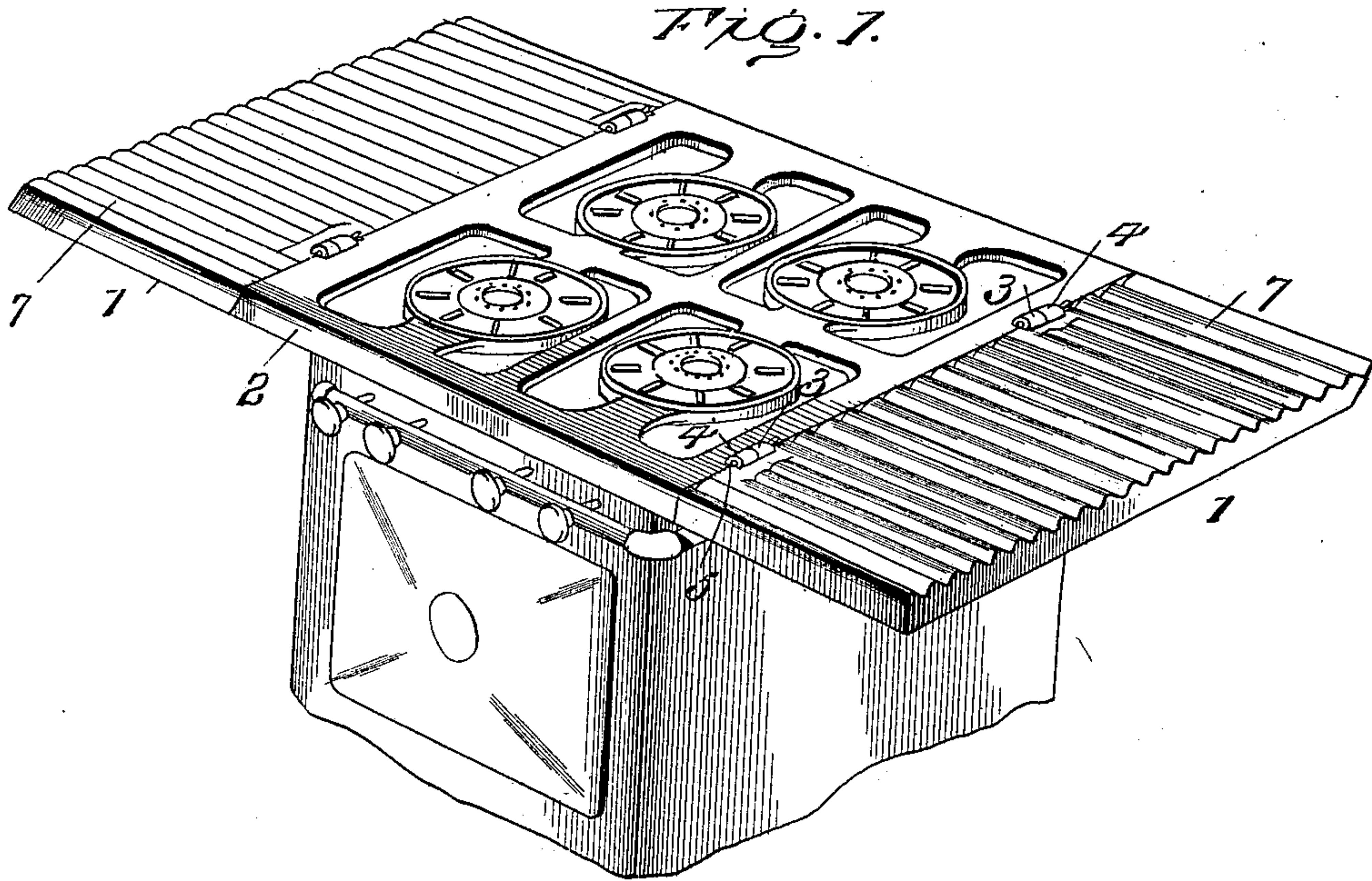
No. 658,491.

E. W. SIBBETT.  
GAS STOVE.

Patented Sept. 25, 1900.

(No Model.)

(Application filed May 28, 1900.)



Witnesses

Geo. M. M. M.  
Blacks Thompson, 2

Inventor

Emma W. Sibbett

By

R. H. Lacey

Attorneys



# UNITED STATES PATENT OFFICE.

EMMA W. SIBBETT, OF CHICAGO, ILLINOIS.

## GAS-STOVE.

SPECIFICATION forming part of Letters Patent No. 658,491, dated September 25, 1900.

Application filed May 26, 1900. Serial No. 18,119. (No model.)

*To all whom it may concern:*

Be it known that I, EMMA W. SIBBETT, a citizen of the United States, residing at Chicago, (West Pullman,) in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Gas-Stoves; 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.

This invention relates most especially to stoves of the type having an open top and burners, a gas-stove being selected as typical of the kind to which the invention is to be applied.

The improvement consists, essentially, of a plate adapted to fold over the burners to protect them and serve in the capacity of a pan or skillet for cooking, warming, and the like and to be turned outward to act as a shelf or extension of the stove-top, said plate being preferably detachably connected with the stove-top, so as to be removed for cleaning or other desired purpose.

For a full description of the invention and the merits thereof, and also to acquire a knowledge of the details of construction of the means for effecting the result, reference is to be had to the following description and drawings hereto attached.

While the essential and characteristic features of the invention are necessarily susceptible of modification, still the preferred embodiment of the invention is illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view of the upper portion of a gas-stove, showing the application of the invention, the plates being extended or turned outward to form shelves or extensions of the top for any purpose. Fig. 2 is a front elevation of the parts shown in Fig. 1, the plates being folded upon the top of the stove. Fig. 3 is a sectional detail showing more clearly the hinge-joint between the top of the stove and the plate. Fig. 4 is a detail perspective view of a plate and a portion of the stove-top, the parts being separated.

Corresponding and like parts are referred to in the following description and indicated in all the views of the drawings by the same reference characters.

The gas-stove illustrated is typical of the class of burner-stoves to which the invention is adapted to be applied.

The attachment consists of a plate 1, hinged at one edge to an edge portion of the stove-top 2 in such a manner as to fold upon the top of the stove to protect the burners and to be used in the capacity of a cooking utensil or support for any article to be heated and to be turned outward to form a shelf or extension of the stove-top when required. This plate is detachably connected with the top of the stove, so as to be removed for cleaning or other desired purpose. The hinge connection between the stove-top and plate comprises companion members or knuckles 3 and 4, preferably integral with the respective parts. The pin 5 is slipped into openings in coincident relation when the members or knuckles 3 and 4 are in alinement. Depressions 6 are formed in the edge portion of the stove-top 2 adjacent to the hinge members or knuckles 4, so as to receive the knuckles 3 when the parts are properly positioned. The edges of the stove-top are beveled, and the edges of the plate are correspondingly beveled, whereby a neat appearance and an extended bearing-surface are provided.

It is to be understood that it is contemplated to employ one or more plates, depending upon the extent of the stove-top. As shown, two plates are employed and are hinged to opposite edges of the stove-top and are adapted to fold inward. These plates may be either cast, pressed, or stamped, according to the preferred mode of manufacture, and in order to provide a maximum amount of heating-surface and to stiffen and strengthen the plate the bottom side of the latter is formed with a series of parallel flutes or ribs 7. The channels between the ribs constitute in effect flame-passages. The top side of the plate is depressed, forming a surrounding flange 8 to retain juices and any liquid substance placed therein. The plate when folded upon the top of the stove, as shown in Fig. 2, can be used in the capacity of a skillet or frying-pan or as a support for heating irons or warming any article desired to be heated. When thus folded, the plate also protects the burners from dust or any substance that may boil over during the proc-



ess of cooking, thereby preventing clogging of the burners. The plate when turned outward, so as to form an extension of the stove-top, is adapted to be used as a shelf for supporting dishes, cooking utensils, and the like. 5 When for any purpose it is desirable to remove the plate, it can be quickly detached by slipping the pins 5 from the knuckles or hinge members 3 and 4, as will be readily 10 comprehended.

As has been stated, the flutes or ribs are formed in one face of the plates and are adapted to lie adjacent to the burners of the stove when the plate or plates are folded 15 thereover. The spaces formed between the flutes or ribs provide escapes for the products of combustion when the burners are lighted, as will be readily appreciated. The flange projecting from the opposite face of the plate 20 or plates is uppermost when the plates are folded over the stove, so as to retain liquids

and juices when the plate is used in the capacity of a skillet.

Having thus described the invention, what is claimed as new is— 25

In combination with the top of a gas-stove or the like, a plate hinged thereto so as to fold upon the top of the stove or to be turned outward to form an extension thereof, said plate having a series of flutes or ribs upon 30 one side to lie adjacent to the burners when folded over the stove, and having a flange upon its opposite face which is uppermost, to hold liquid substances when the plate is used in the capacity of a pan or skillet. 35

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

EMMA W. SIBBETT. [L. S.]

Witnesses:

S. M. WILSON,

A. E. RUMBOLD.