

(No Model.)

2 Sheets—Sheet 1.

M. S. SAGER.
GASOLINE STOVE.

No. 405,275.

Patented June 18, 1889.

Fig. 1.

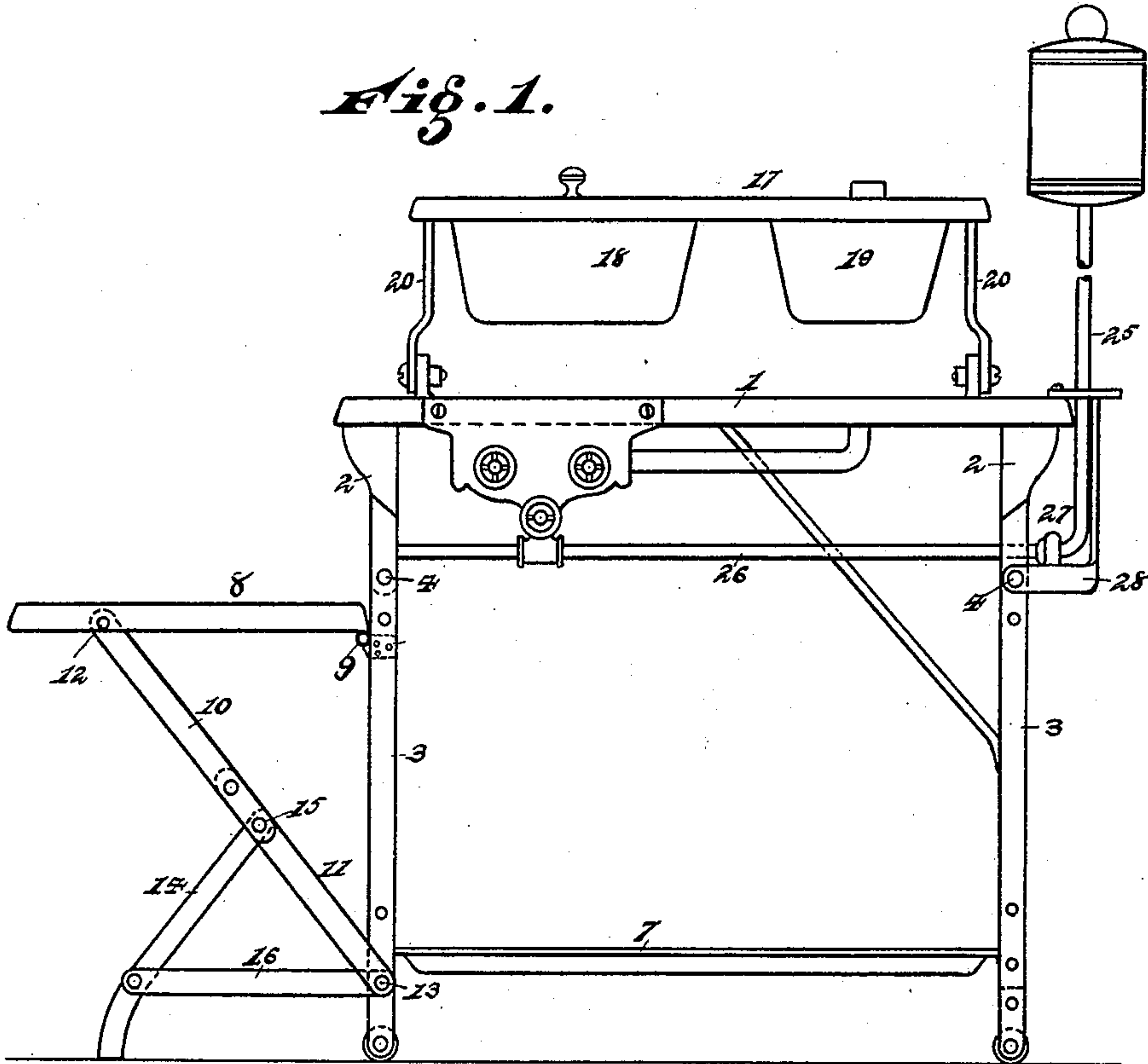


Fig. 2.

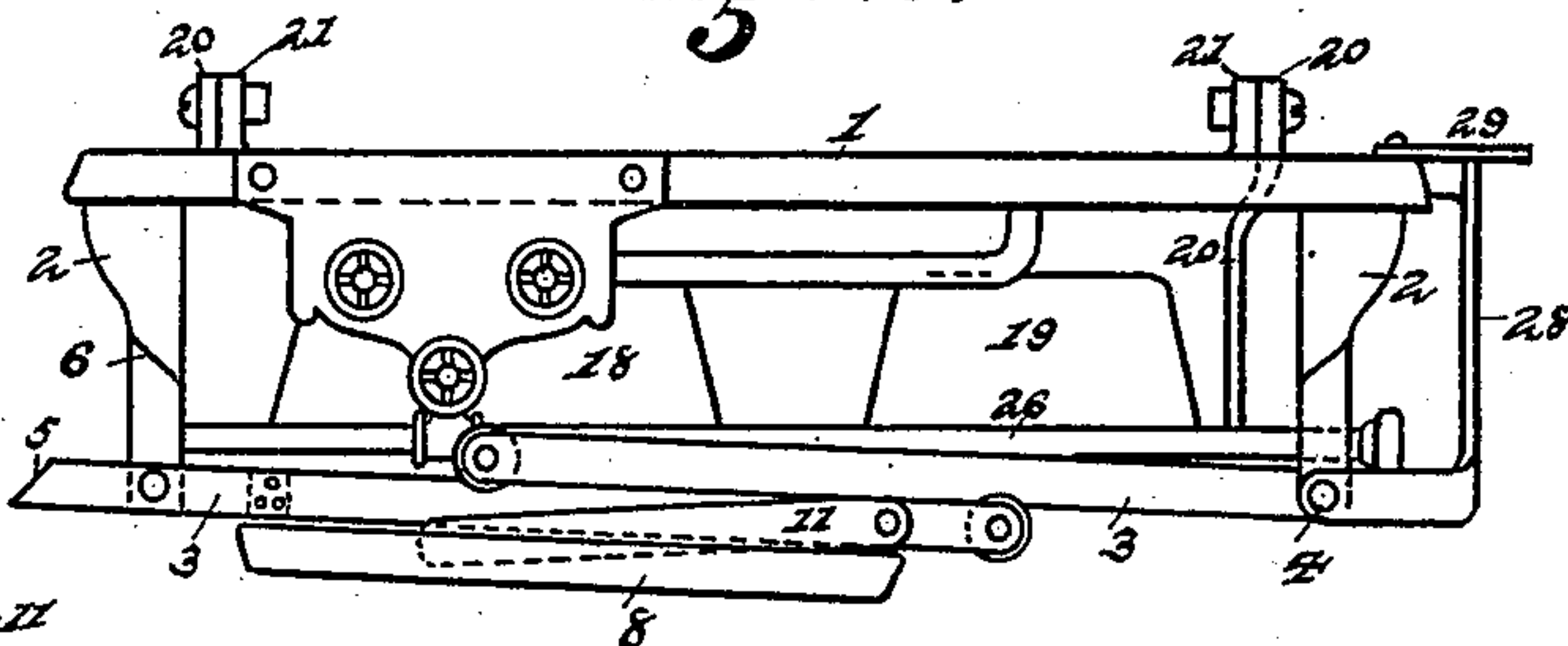
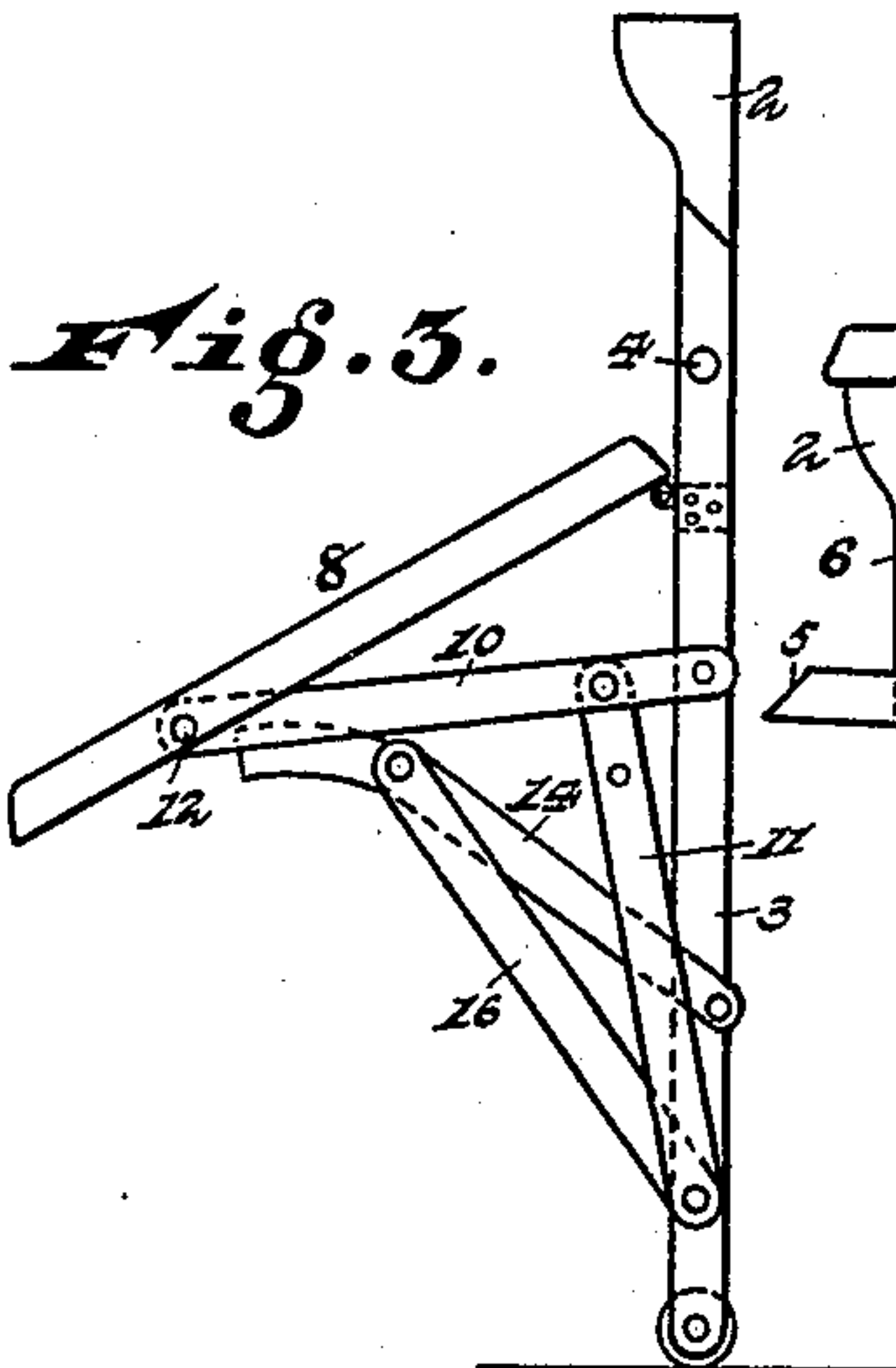


Fig. 3.



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Wm. L. Sims
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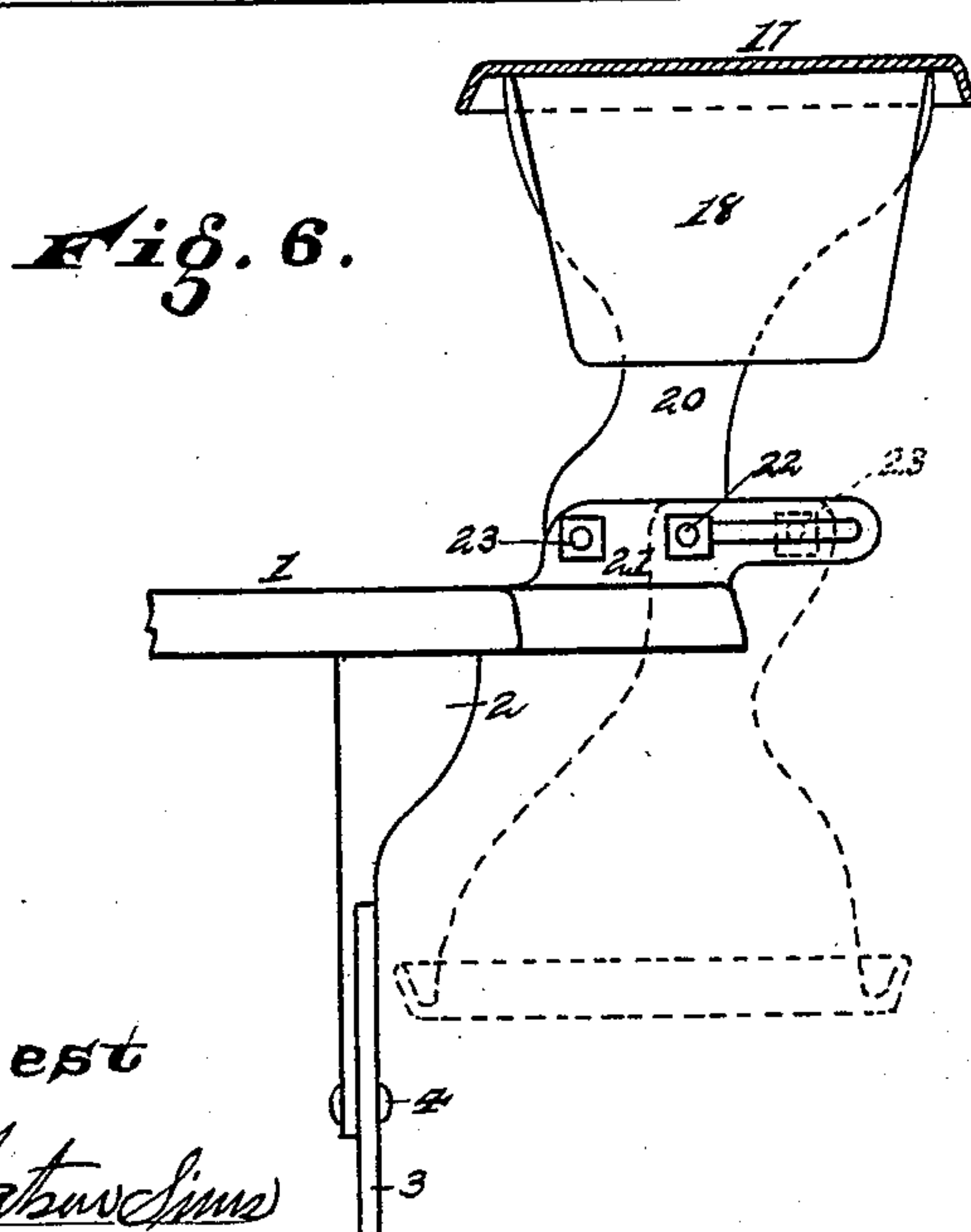
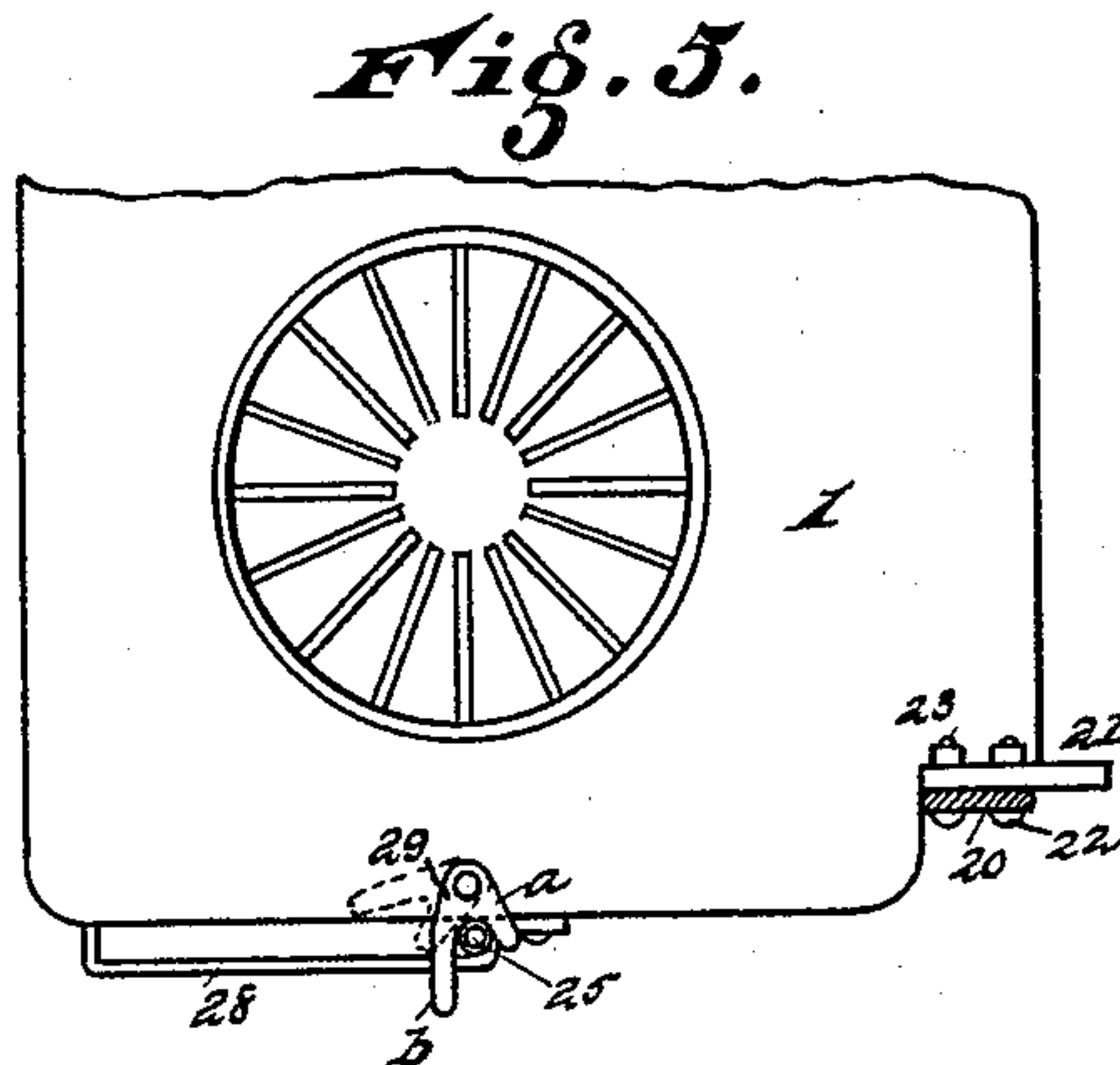
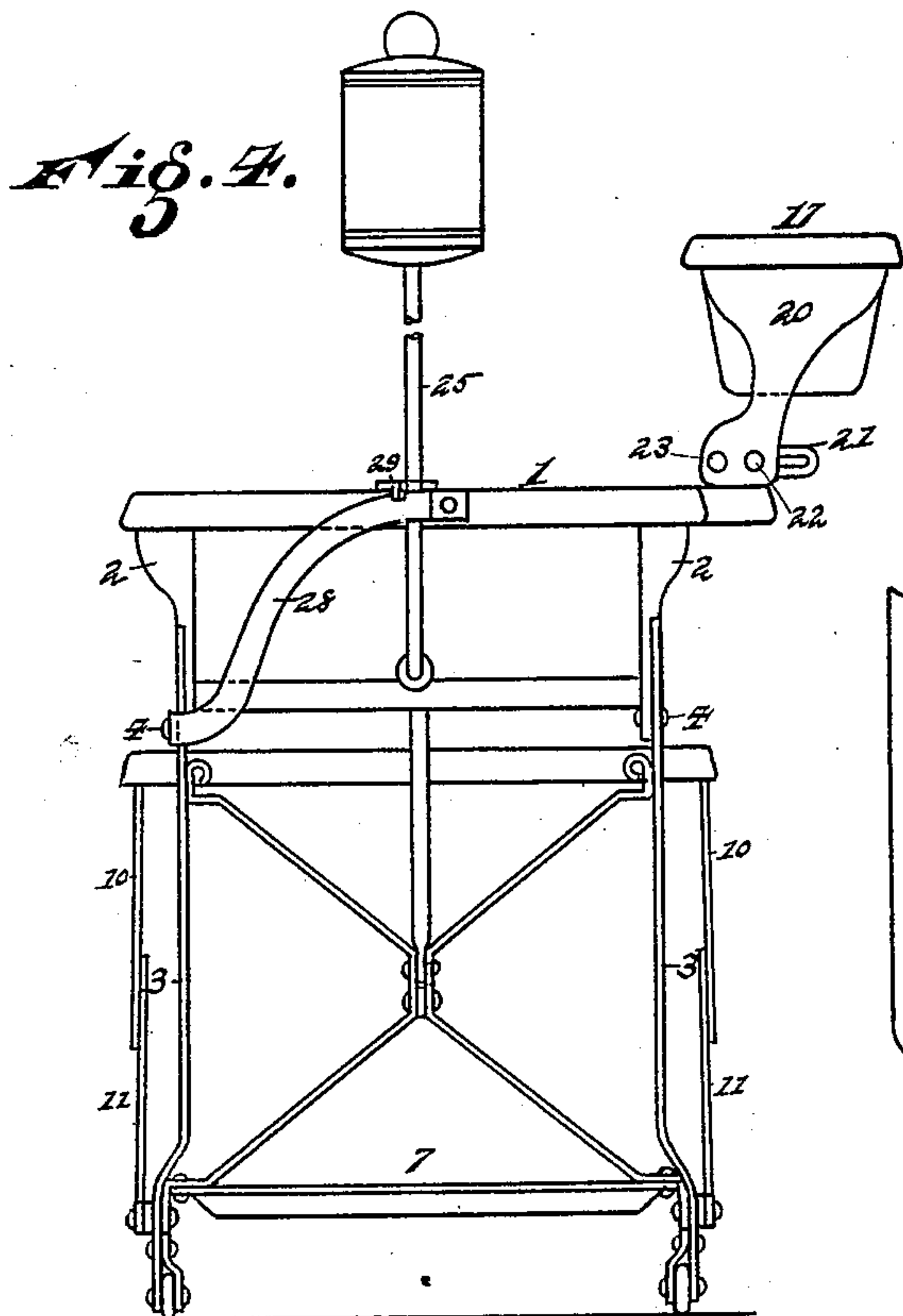
(No Model.)

2 Sheets—Sheet 2.

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GASOLINE STOVE.

No. 405,275.

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Attest

W. H. Rouse
Wm F. Rouse

Inventor

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by Wood Boyd
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UNITED STATES PATENT OFFICE.

MARCUS S. SAGER, OF WASHINGTON COURT-HOUSE, OHIO.

GASOLINE-STOVE.

SPECIFICATION forming part of Letters Patent No. 405,275, dated June 18, 1889.

Application filed September 15, 1888. Serial No. 285,448. (No model.)

To all whom it may concern:

Be it known that I, MARCUS S. SAGER, a citizen of the United States, and a resident of Washington Court-House, in the county of Fayette and State of Ohio, have invented certain new and useful Improvements in Gasoline-Stoves, of which the following is a specification.

My invention relates to a folding gasoline-stove, and is an improvement upon the invention shown in my application, Serial No. 250,746, filed September 26, 1887, the various features of which will be fully set forth in the description of the accompanying drawings, making a part of this specification, in which—

Figure 1 is a front elevation of my improvement in position for use. Fig. 2 is a similar elevation showing the parts folded together. Fig. 3 is an elevation of the oven-shelf attached to one of the legs, shown in a partly-folded position. Fig. 4 is an end elevation of the gasoline-stove. Fig. 5 is a sectional top plan view of one end of the stove. Fig. 6 is a sectional detailed view of the tank-shelf attachment.

1 represents a stove-plate; 2, sections of legs attached thereto; 3, the folding sections of the leg; 4, the folding joint.

5 represents an incline on the end of the joint-section 3.

6 represents an offset of similar shape, forming a stop for the incline 5, to hold the legs in a vertical position.

7 represents a detachable drip-pan, which forms a brace to hold the legs 3 when spread apart.

8 represents a shelf hinged to the section 3 by joint 9.

10 and 11 represent a folding brace. It is hinged by pivot 12 to the shelf 8 and by pivot 13 to the sectional leg 3.

14 represents a foot hinged by pivot-bolt 15 to the brace 11. These parts are hinged together and to the leg 3, so that when the leg-section 3 is folded underneath the stove the shelf will be folded up, underlying the same, as shown in Fig. 2.

In Fig. 3 I have shown the parts while folded, and illustrated the method of folding. The foot 14 is connected to the hinged leg-

section 3, that carries the shelf 8, by a link 16, pivoted, respectively, to the foot and to the leg-section. To swing the shelf the pivot-bolt 15 is removed, and the parts will be free to fold in position shown in Fig. 2. Fig. 3 shows them partially turned in this position.

17 represents a tank-shelf.

18 and 19 represent tanks connected therewith. They may be supplied with feeding-coils in the manner shown in my said former application. The shelf is supported by two brackets 20, which are attached to the slotted bracket 21 by means of bolts 22 and 23. When it is desired to fold the same, bolt 23 is removed, the tank-shelf is folded around under in the position shown in dotted lines, Fig. 6, and the bolt 23 replaced, and it is thus secured in a permanent position for shipment.

Another feature of my invention consists in the support for the tank-pipe 25. This tank-pipe is connected to supply-pipe 26 for the burners; and in order to bring it in an easy position for filling I provide a joint-connection 27 for connecting the tank-pipe 25 to the supply-pipe for the burners.

28 represents a guard attached to one of the sections of the stove-leg 3, and bent forward and backward to form a guide for the tank-pipe 25. In order to hold this tank-pipe vertically, I have provided a suitable catch 29, here shown as pivoted and having two arms *a b* to embrace the tank-pipe.

Having described my invention, what I claim is—

1. A folding gasoline-stove comprising the top plate 1, having pendent fixed leg-sections 2, the folding leg-sections 3, hinged to the lower ends of the latter, the tank-carrying shelf 17, having supporting-brackets 20, loosely connected with the top plate and capable of swinging around with the shelf and tank to a position under the table between the stationary leg-sections, and the folding shelf 8, pivoted to one of the hinged leg-sections to fold upon the latter and move therewith beneath the top plate, substantially as described.

2. A folding gasoline-stove comprising the top plate 1, having pendent fixed leg-sections 2, the folding leg-sections 3, hinged to

the lower ends of the latter, the folding shelf 8, pivoted to one of the hinged leg-sections to fold upon the latter and move therewith beneath the top plate, the braces 10 and 11, 5 jointed together and pivoted, respectively, to the shelf and hinged leg-section, the foot 14, connected to one brace, and the pivoted link 16, connecting the foot with the hinged leg-section, substantially as described.

10 3. A folding gasoline-stove comprising the top plate 1, having slotted brackets 21 and the pendent fixed leg-sections 2, the folding leg-sections 3, hinged to the latter, and the tank-carrying shelf 17, having supporting- 15 brackets 20, provided with pivot-bolts 22, moving in the slotted brackets to fold the tank-carrying shelf around beneath the top plate between the fixed leg-sections and above

the hinges of the folding leg-sections, substantially as described. 20

4. A folding gasoline-stove comprising a top plate 1, having hinged leg-sections 3, the folding shelf 8, pivoted to one of said leg-sections, the braces 10 and 11, jointed together and pivoted, respectively, to the shelf and 25 hinged leg-section, the foot 14, connected to one brace, and the pivoted link 16, connected to the foot and hinged leg-section, substantially as described.

In testimony whereof I have hereunto set 30 my hand.

MARCUS S. SAGER.

Witnesses:

FRANK M. FULLERTON,
W. H. DIAL.