

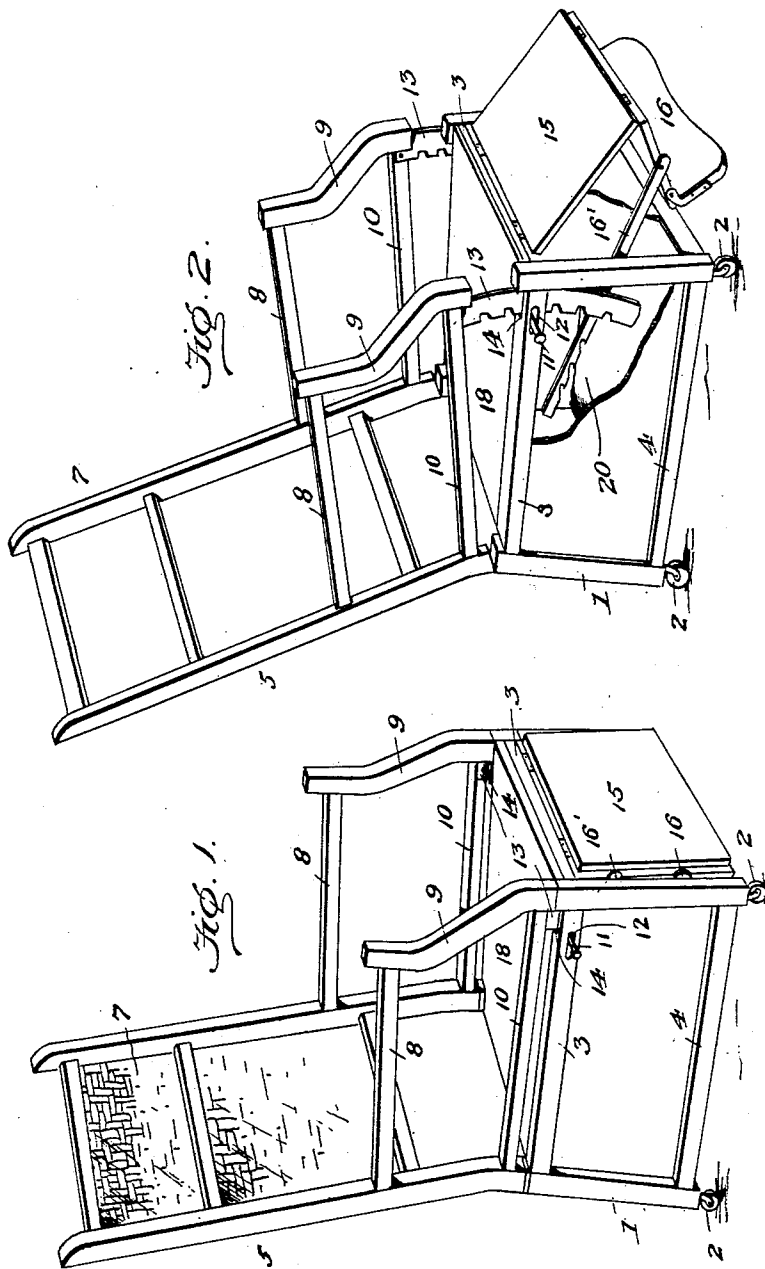
(No Model.)

2 Sheets—Sheet 1.

S. GOWER.
INVALID CHAIR.

No. 586,432.

Patented July 13, 1897.



Witnesses

Wm. C. Ashlee
J. A. Wilson

Inventor
Sarah Gower
By *H. B. Wilson*
Attorney

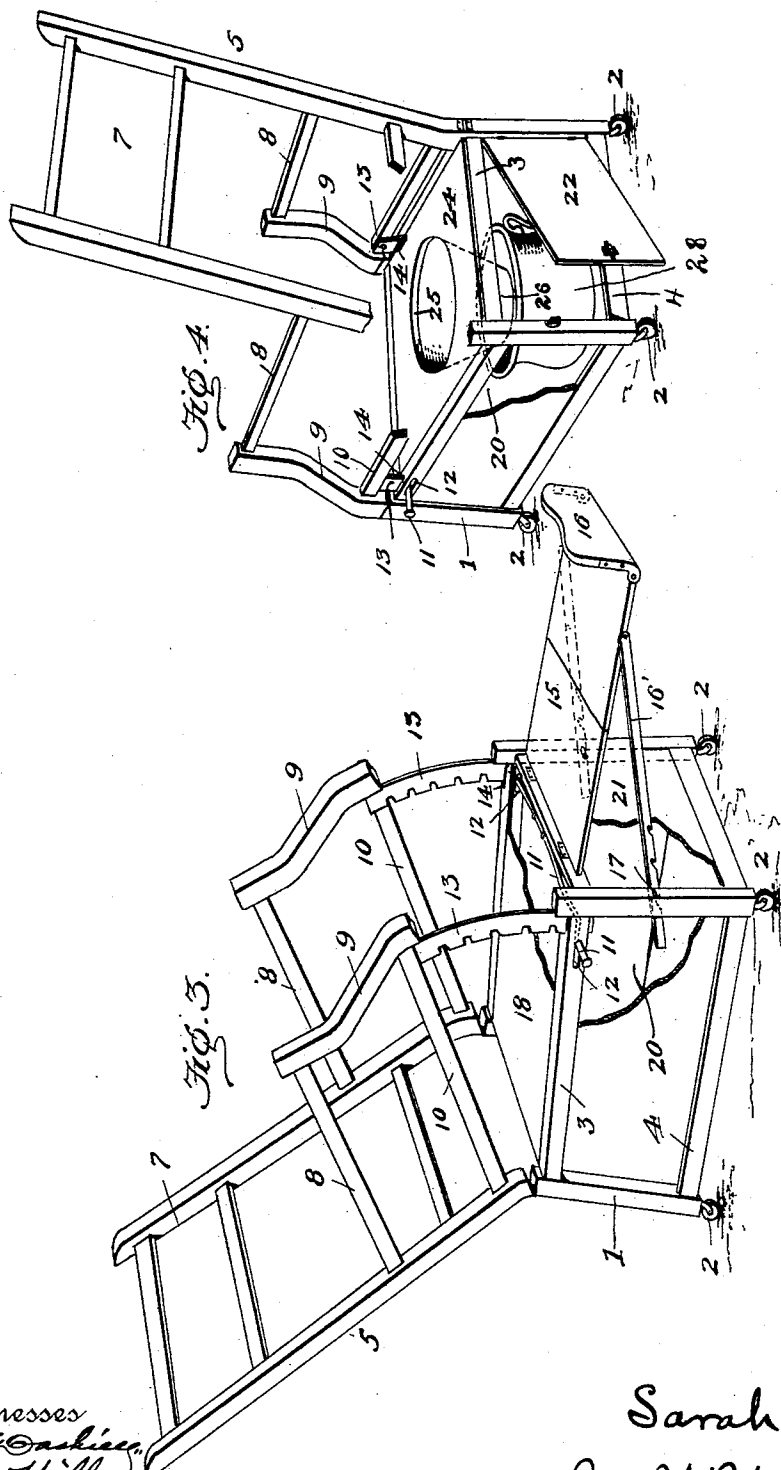
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2 Sheets—Sheet 2.

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INVALID CHAIR.

No. 586,432.

Patented July 13, 1897.



Witnesses
W. B. Cashier
J. A. Hillman

Inventor
Sarah Gower
By *H. B. Wilson*
Attorney

UNITED STATES PATENT OFFICE.

SARAH GOWER, OF ARCANUM, OHIO.

INVALID-CHAIR.

SPECIFICATION forming part of Letters Patent No. 586,432, dated July 13, 1897.

Application filed January 9, 1897. Serial No. 618,585. (No model.)

To all whom it may concern:

Be it known that I, SARAH GOWER, a citizen of the United States, residing at Arcanum, in the county of Darke and State of Ohio, have
5 invented certain new and useful Improvements in Invalid-Chairs; 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
10 make and use the same.

My invention has relation to invalid-chairs, and the object is to provide a convenient article of this class for the sick-room; and to this end the novelty consists in the construction, combination, and arrangement of the
15 same, as will be hereinafter more fully described, and particularly pointed out in the claim.

In the accompanying drawings, Figure 1 is
20 a perspective view of my improved chair. Fig. 2 is a similar view, the back-rest section being partially inclined and with the leg-rest section swung outward and the foot-rest section lying under the leg-rest section. Fig. 3
25 is a similar view showing the back-rest section, the leg-rest section, and the foot-rest section extended to their greatest points of adjustment; and Fig. 4 is a similar view looking toward the back of the chair.

In the drawings, 1 denotes the legs of the chair, which are provided with casters 2 and which are connected by upper and lower
30 cross-bars 3 and 4, respectively. The upper ends of the legs extend above the upper cross-bars for a purpose presently to appear.

5 denotes the back-rest section, the lower ends of the side pieces of which are hinged to the upper ends of the rear set of legs. The upper portion of the back-rest section is extended to form a head-rest section 7, and both
40 of these sections are caned, as shown.

8 denotes the arms, the inner ends of which are secured to the side pieces of the back-rest section and the outer ends of which are connected to the arm-posts 9, the lower ends of which are supported upon the upper ends of the front set of legs when the parts are in the position shown in Fig. 1.

10 denotes brace-arms which connect the
50 side pieces of the back-rest section with the arm-posts. A spring-rod 11 is secured at its center to the inner side of the forward upper

cross-bar 3 and has its free ends projecting through slots 12 in the side cross-bars 3.

13 denotes two segmental rack-bars which
55 have their upper ends secured to the brace-arms 10 and their lower ends projecting through slots 14 in the upper side of the side cross-bars 3 and intersecting the slots 12.

When it is desired to adjust the back of the
60 chair to the angle or inclination best suited and most comfortable for the patient, the outer ends of the spring-rod 11 are pulled backward from engagement with the rack-bars and the back tilted to the desired position, where it is held by releasing the ends of
65 the spring-rod and allowing them to spring into the notches of the rack-bar.

15 denotes the leg-rest section, which is hinged to the forward upper cross-bar 3, and
70 to the outer end of this section is hinged a foot-rest section 16. The foot and leg rest sections are held in the positions shown in Figs. 2 and 3 by rack-bars 16', which have
75 their outer ends pivoted to the foot-rest section and their inner raked end engaging pins 17, projecting laterally from the inner sides of the front legs.

18 denotes the removable seat-section.

20 denotes the chamber-compartment,
80 which consists of side boards, the front end board 21, the hinged board or door 22, the bottom board, and the seat-board 24, having an opening 25, from which extends downward the funnel 26, which extends into the chamber 28. When it is desired to use the chair
85 as a commode, the seat 18 is removed and the patient sits upon the seat-board 24. The compartment is stench-tight, thus preventing the escape and exhalations of fetid odors.

Although I have specifically described the construction and relative arrangement of the several elements of my invention, I do not desire to be confined to the same as such changes
95 or modifications may be made, as clearly fall within the scope of my invention without departing from the spirit thereof.

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

A chair comprising legs connected by upper
100 and lower cross-bars, the upper side cross-bars of which have lateral slots intersected by vertical slots, a back-rest section hinged to

the rear set of legs and provided with arms, and arm-posts, brace-rods connecting the arm-posts with the back-rest section, segmental racks secured to the brace-bars and extending through the vertical slots, a spring-rod
5 secured intermediate its ends to the inner side of the forward upper cross-bar, and having its ends extending through the lateral

slots and engaging the segmental rack-bars, substantially as and for the purposes specified. 10

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

SARAH GOWER.

Witnesses:

M. E. WILD,
ISAAC DUBBS.