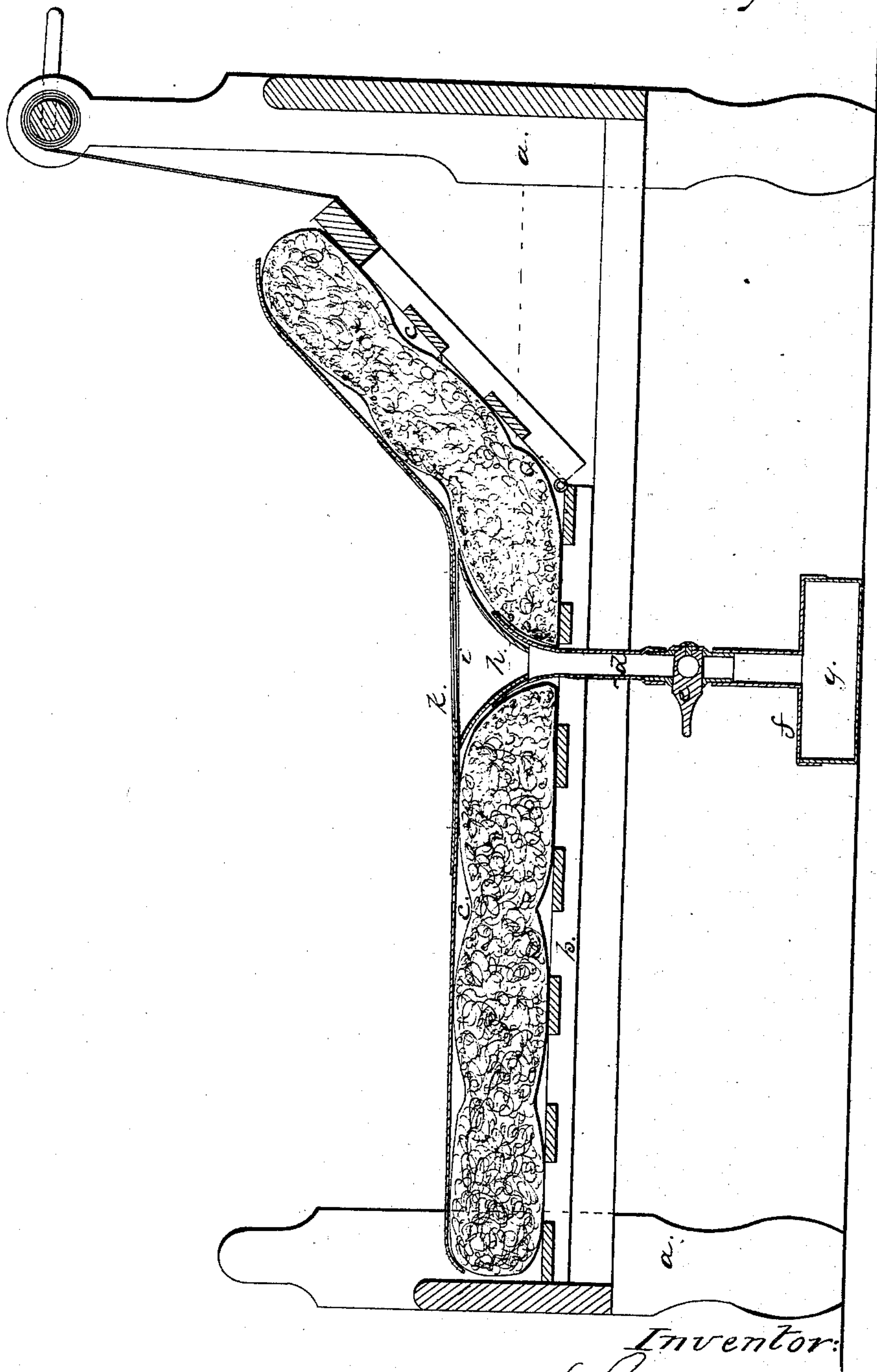


*S. G. Welling,
Invalid Bedstead,*

Nº 77,937.

Patented May 12, 1868.



*witnesses:
Chas. Smith
Geo. T. Pinkney.*

*Inventor:
Samuel G. Welling
per L. W. Perrell
Atty of Assignee*

United States Patent Office.

SAMUEL G. WELLING, OF NEW ROCHELLE, NEW YORK.

Letters Patent No. 77,937, dated May 12, 1868. *Antedated May 4/68*

IMPROVED BED-PAN ATTACHMENTS FOR INVALID-BEDS.

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

TO ALL WHOM IT MAY CONCERN:

Be it known that I, SAMUEL G. WELLING, of New Rochelle, in the county of Westchester, and State of New York, have invented and made a certain new and useful Improvement in Bed-Pan Attachments; and I do hereby declare the following to be a full, clear, and exact description of the said invention, reference being had to the annexed drawing, making part of this specification, wherein I have represented a vertical section of said bed-pan attachment.

In hospitals, and in cases of protracted sickness, great difficulty has been experienced in the use of bed-pans for sick persons. The movement necessary for the use of the same frequently aggravates the disease, and with several cases of sickness the evacuations pass off unconsciously, rendering the bed very offensive, and increasing the labor of attendants, and, with some diseases, spreading the contagion.

The nature of my said invention consists in a movable elastic funnel-shaped seat, combined with a pipe passing through the mattress to a covered vessel or pan beneath the bed, whereby the patient can be kept in a comfortable position, and the evacuations will be conveyed away to a closed vessel, and the cleanliness of the bed maintained, at the same time that the risk of contagion is materially lessened.

In the drawing, *a* represents the frame, and *b* the slats of a bedstead. This may be of any usual character, but I prefer that the head section of the slats be fitted so as to be inclined the same as with surgical bedsteads.

c is the mattress, through which is an opening receiving the flaring end of the flexible or elastic pipe *d*, that is provided with a cock, *e*, or other suitable device for closing said pipe, and *f* is the cover of the pan *g*, to which cover the end of the pipe *d*, or its cock, is connected.

h is a movable elastic funnel-shaped seat-piece, that is of a convenient size and shape for the person, and is not uncomfortable to the person using the same, when the weight, or a portion thereof, is resting thereon, and this conveys all evacuations to the pipe *d*, and thence to the pan *g*.

This seat-piece can be easily removed, if necessary, for cleansing, and it is preferable that the sheet or other cover to the mattress *c* have a hole through it at the proper place to coincide with this seat-piece, as seen at *i*.

If desired, an India-rubber cloth may be introduced beneath the person, as seen at *k*, the same having a hole through its central portion.

By this invention the comfort, cleanliness, and ease of the patient are greatly promoted, the labor of the attendants lessened, and the risk of contagion almost removed.

What I claim, and desire to secure by Letters Patent, is—

The movable elastic seat-piece, in combination with the pipe and pan, substantially as and for the purposes set forth.

In witness whereof, I have hereunto set my signature, this fifth day of October, A. D. 1867.

SAML. G. WELLING.

Witnesses:

CHAS. H. SMITH,

GEO. T. PINCKNEY.