

(No Model.)

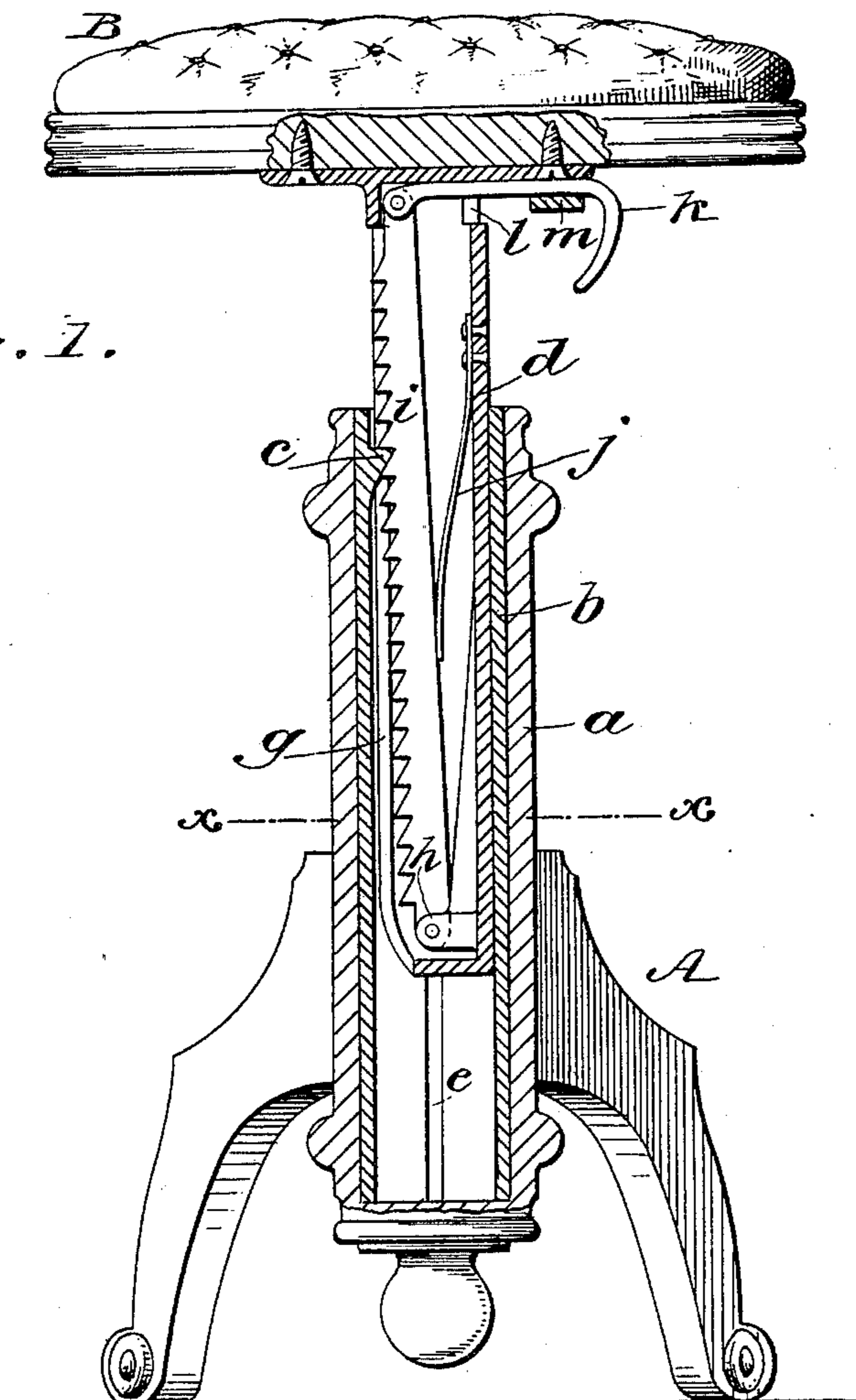
C. W. BLACKBURN.

PIANO STOOL.

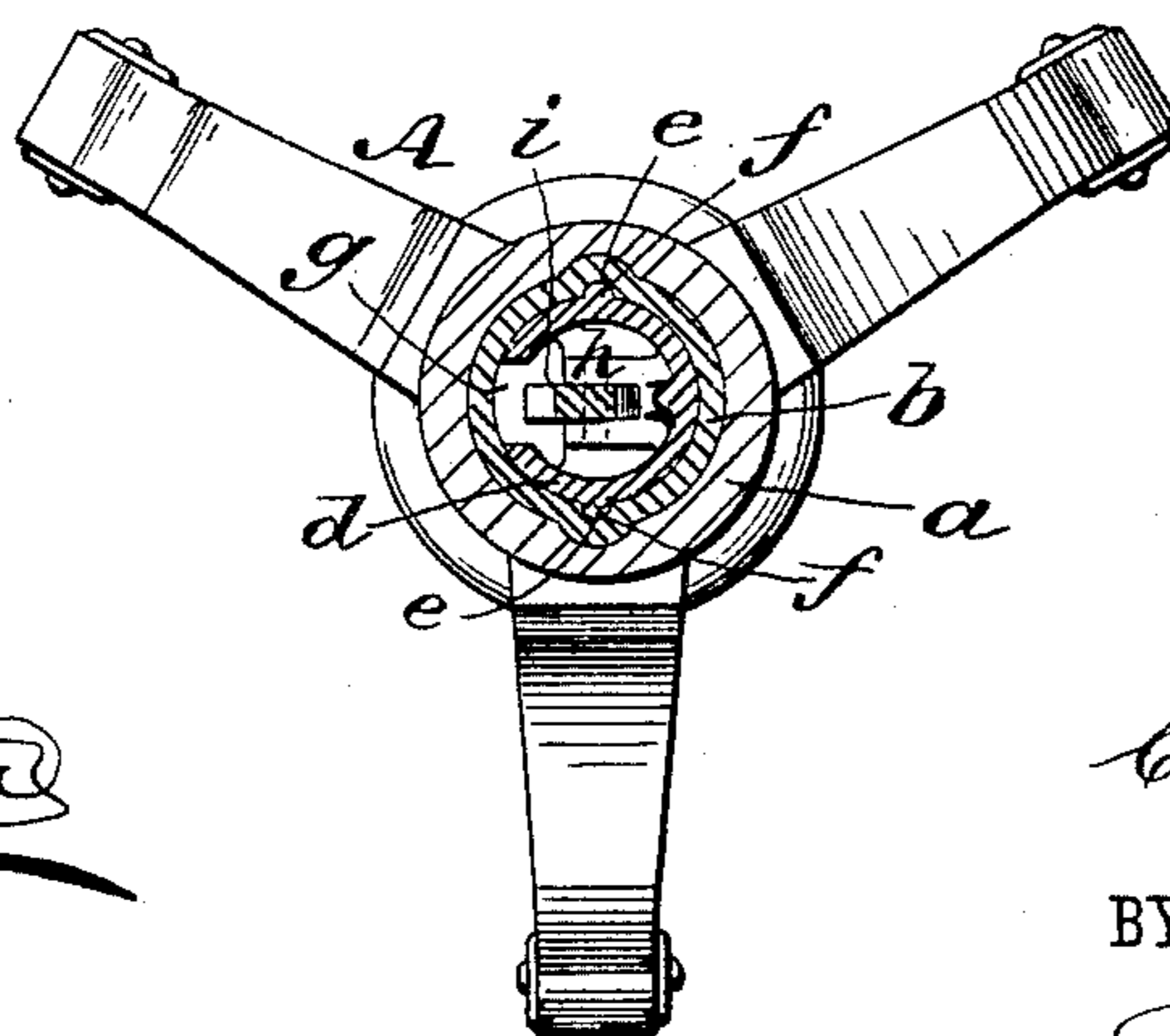
No. 325,044.

Patented Aug. 25, 1885.

*Fig. 1.*



*Fig. 2.*



WITNESSES:

*John H. Deemer*  
*C. Sedgwick*

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# UNITED STATES PATENT OFFICE.

CLAUDE WEEDS BLACKBURN, OF CHICAGO, ILLINOIS.

## PIANO-STOOL.

SPECIFICATION forming part of Letters Patent No. 325,044, dated August 25, 1885.

Application filed February 25, 1885. (No model.)

*To all whom it may concern:*

Be it known that I, CLAUDE WEEDS BLACKBURN, of Chicago, in the county of Cook and State of Illinois, have invented a new and  
5 Improved Piano-Stool, of which the following is a full, clear, and exact description.

The object of my invention is to provide a piano-stool wherein the adjustment of the height of the seat is easier and may be effect-  
10 ed more rapidly than with stools in common use; and the invention consists of the construction, arrangement, and combination of parts, all as hereinafter described and claimed.

Reference is to be had to the accompanying  
15 drawings, forming part of this specification, in which similar letters of reference indicate corresponding parts in both the figures.

Figure 1 is a sectional elevation of my new and improved stool, and Fig. 2 is a sectional  
20 plan view taken on the line *xx* of Fig. 1.

A represents the wooden stand of the stool provided with the column or casing *a*, preferably of wood. In the casing *a* is fitted the metallic tube *b*. This is formed or provided  
25 upon the inside with the lip or projection *c*, and it has the grooves *e e* formed upon the inside, which form ways or guides for the ribs or flanges *f f* of the inner tube, *d*. The tube *d* has the slot *g* made in it nearly its en-  
30 tire length, to form a clearance for the lip or projection *c*. It has the seat *B* secured to its upper end, and in it is pivoted, at *h*, the toothed or notched metal plate *i*, which stands in line with the slot *g*, and is pressed forward by the  
35 spring *j*, so that the teeth of the plate will engage with the lip or projection *c*.

In order to strengthen the tube *d*, which is subjected to a considerable strain, it is cast with an internal bracing-rib, as *o*, which runs  
40 about half-way up the tube, and in order to reduce the cost of manufacture I cast the tube *d* and the seat-supporting plate *p* in one piece, and upon the plate *p* there is formed a keeper, *m*, the use of which will be more fully ex-  
45 plained.

At its upper end the plate *i* has the finger-piece *k* attached to it, which passes out through an opening, *l*, formed in the tube *d*, and is held loosely by the keeper *m*, so that by tak-  
50 ing hold of the finger-piece *k* and drawing outward upon it the upper end of the plate *i* may be drawn back against the pressure of the spring *j* to disengage the teeth of the plate *i* from the lip or projection *c*, which will per-  
55 mit the seat *B* of the stool to be lowered. As

soon as the finger-piece *k* is released the spring *j* will act to throw the plate *i* forward, so that its teeth will again engage with the lip or projection *c*.

To elevate the seat *B* of the stool, it is only  
60 necessary to grasp the seat with both hands and lift it to the height desired, where it will be automatically held by the plate *i* and lip or projection *c*. In this manner it will be seen that the stool is adapted for very quick  
65 and easy adjustment; and it will be seen also that the stool is very strong, durable, and cheap, and not liable to get out of order, and owing to the flanges *f* running in the grooves *e* all lateral motion of the inner tube is prevent-  
70 ed, so that the stool is much more durable than common stools.

I am aware that the stem of a piano-stool has been provided with a pivoted spring-operated toothed bar that engaged a lug in the  
75 socket of the stool-base, and I do not claim the same, broadly, as of my invention.

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

1. In a piano-stool, the combination, with a shell, *a*, lined throughout with a cylindrical tube, as *b*, that is provided with a lip, as *c*, and vertical grooves, as *e*, of a slotted inner tube having external ribs *f*, fitting in the  
85 grooves *e*, a spring-operated tooth-plate, *i*, pivoted at its lower end within the tube *d*, and provided at its upper end with a finger-piece, as *k*, substantially as described.

2. In a piano stool, the combination, with  
90 tube *b*, provided with lips *c* and grooves *e*, of a tube, as *d*, formed with ribs *f* and brace *o*, and provided with a spring-actuated toothed plate, *i*, and a finger-piece, as *k*, substantially as set forth.

3. In a piano-stool, the combination, with the shell *a* and tube *b*, provided with a lip, as *c*, and vertical grooves, as *e*, of an inner tube, as *d*, formed with a slot, as *g*, external ribs *f*, and a seat-plate, as *p*, formed in turn with a  
100 keeper, *m*, and a spring-operated tooth-plate, *i*, pivoted at its lower end within the tube *d*, and provided at its upper end with a finger-piece, as *k*, that rides in the keeper *m*, substantially as described.

CLAUDE WEEDS BLACKBURN.

Witnesses:

W. W. DEXTER,  
R. BLACKBURN.