

(No Model.)

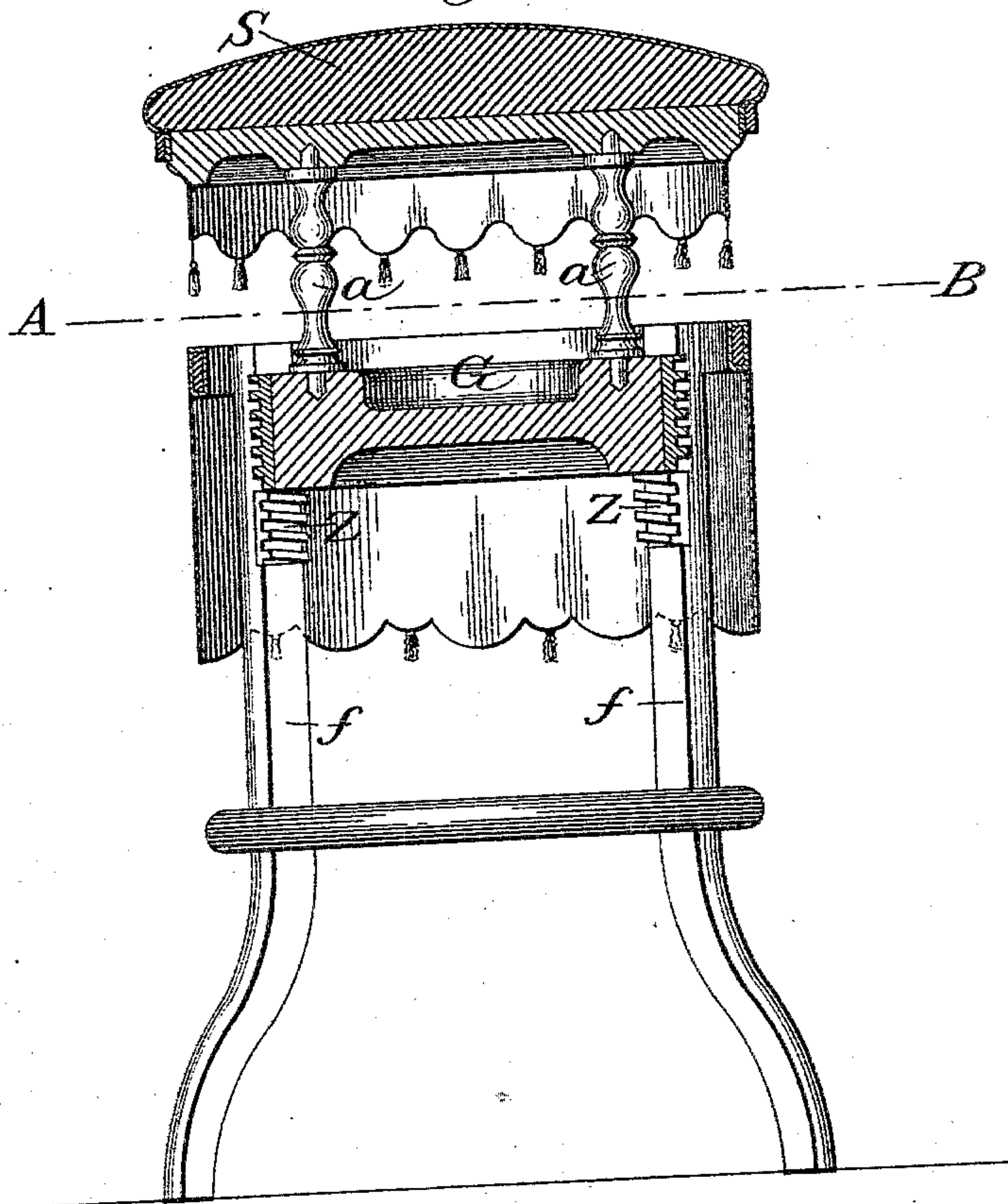
2 Sheets—Sheet 1.

E. SCHMIDT.  
TURNING CHAIR.

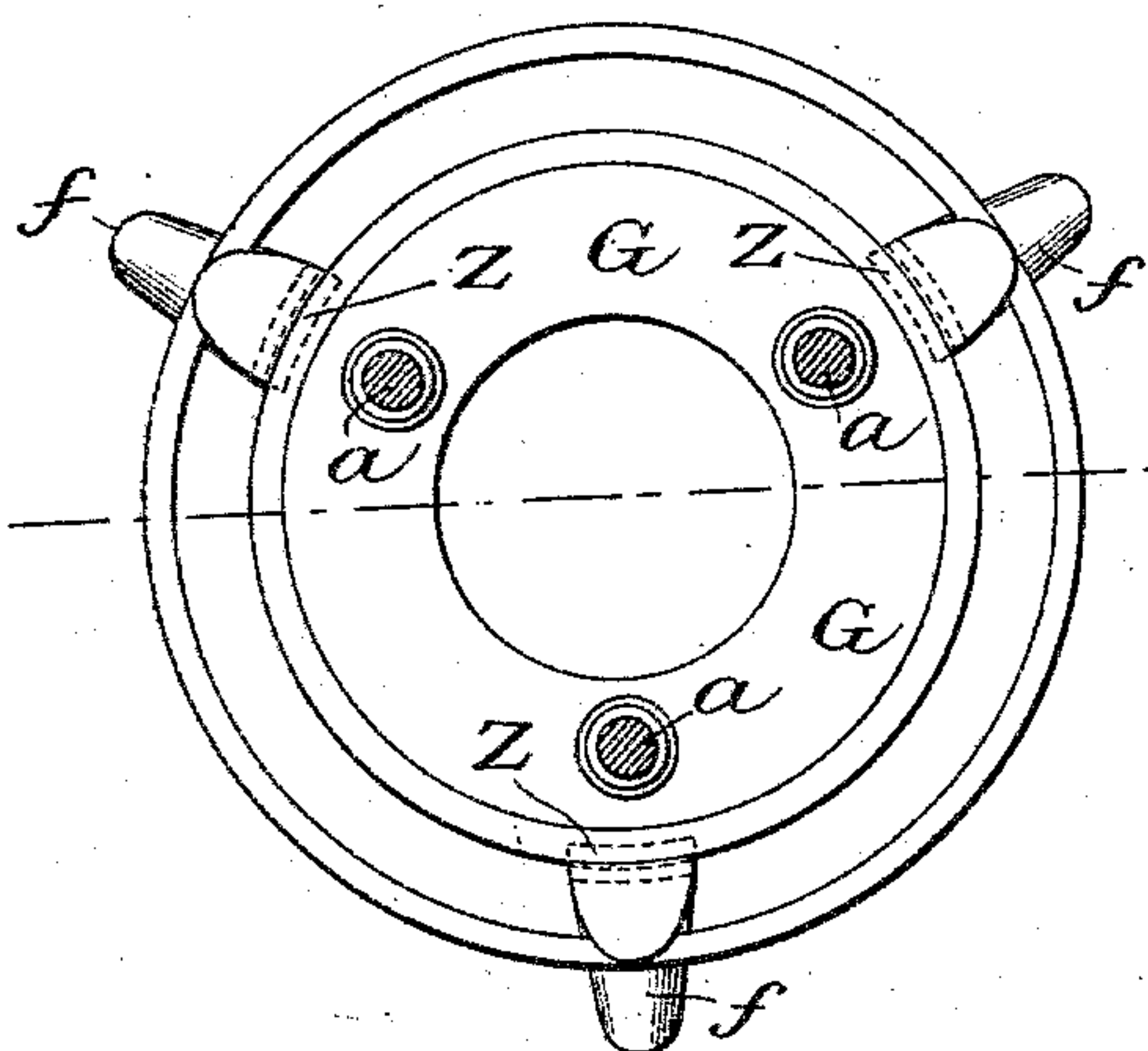
No. 286,641.

Patented Oct. 16, 1883.

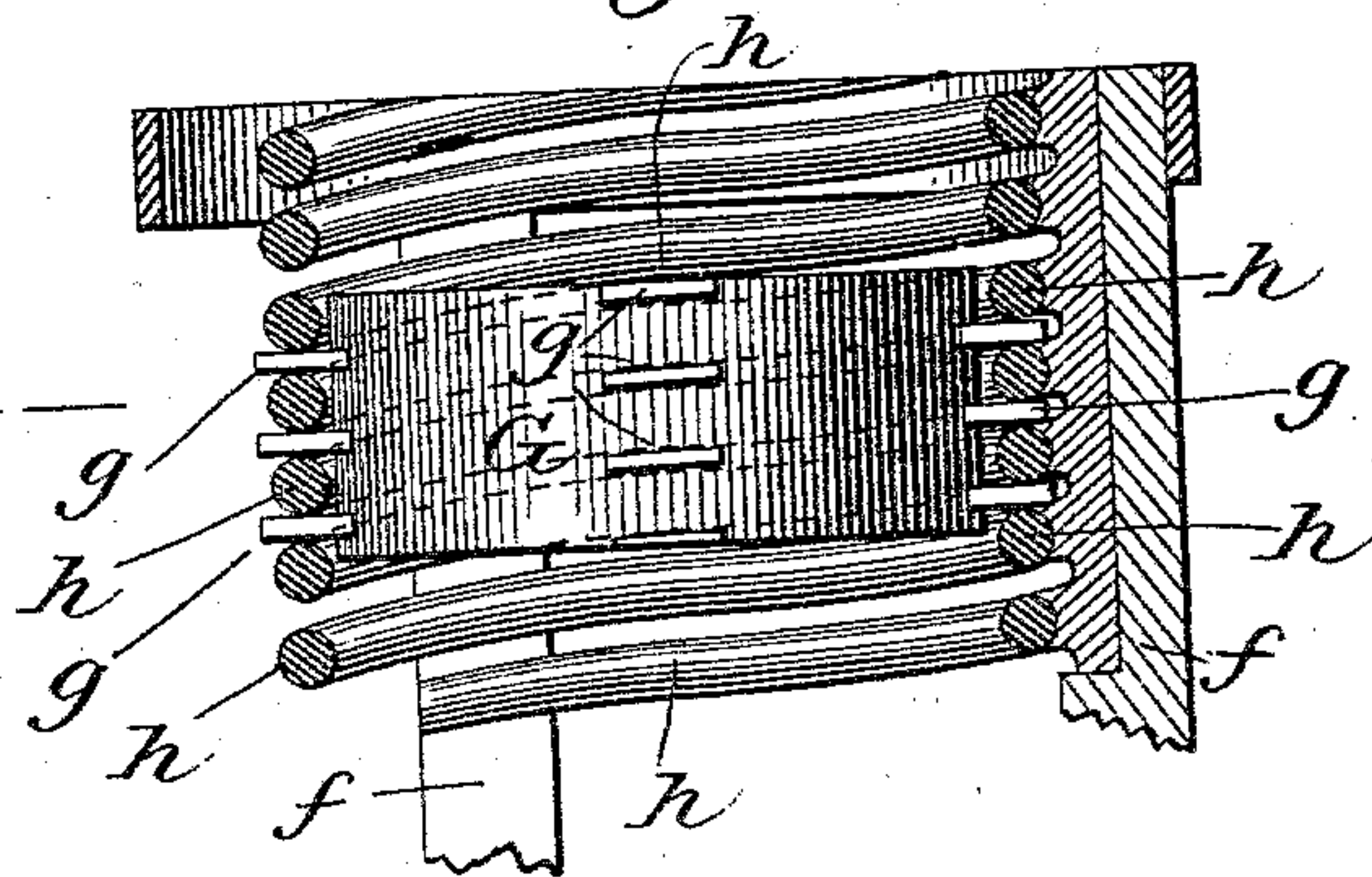
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



Witnesses:

John F. Allen  
J. Gemmel, Jr.

Inventor.

E. Schmidt  
per McCarty & Pender  
Attorney.

(No Model.)

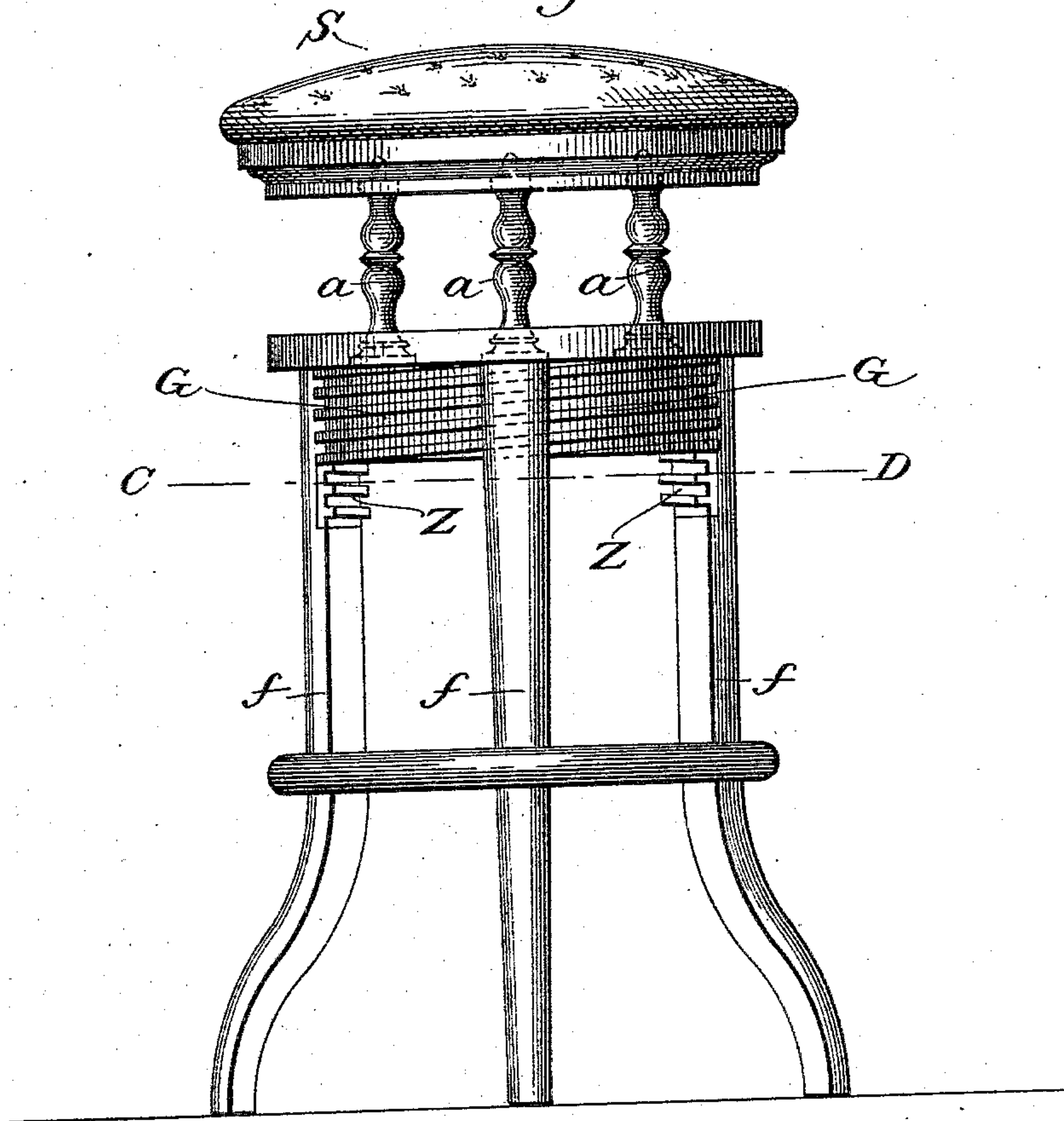
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E. SCHMIDT.  
TURNING CHAIR.

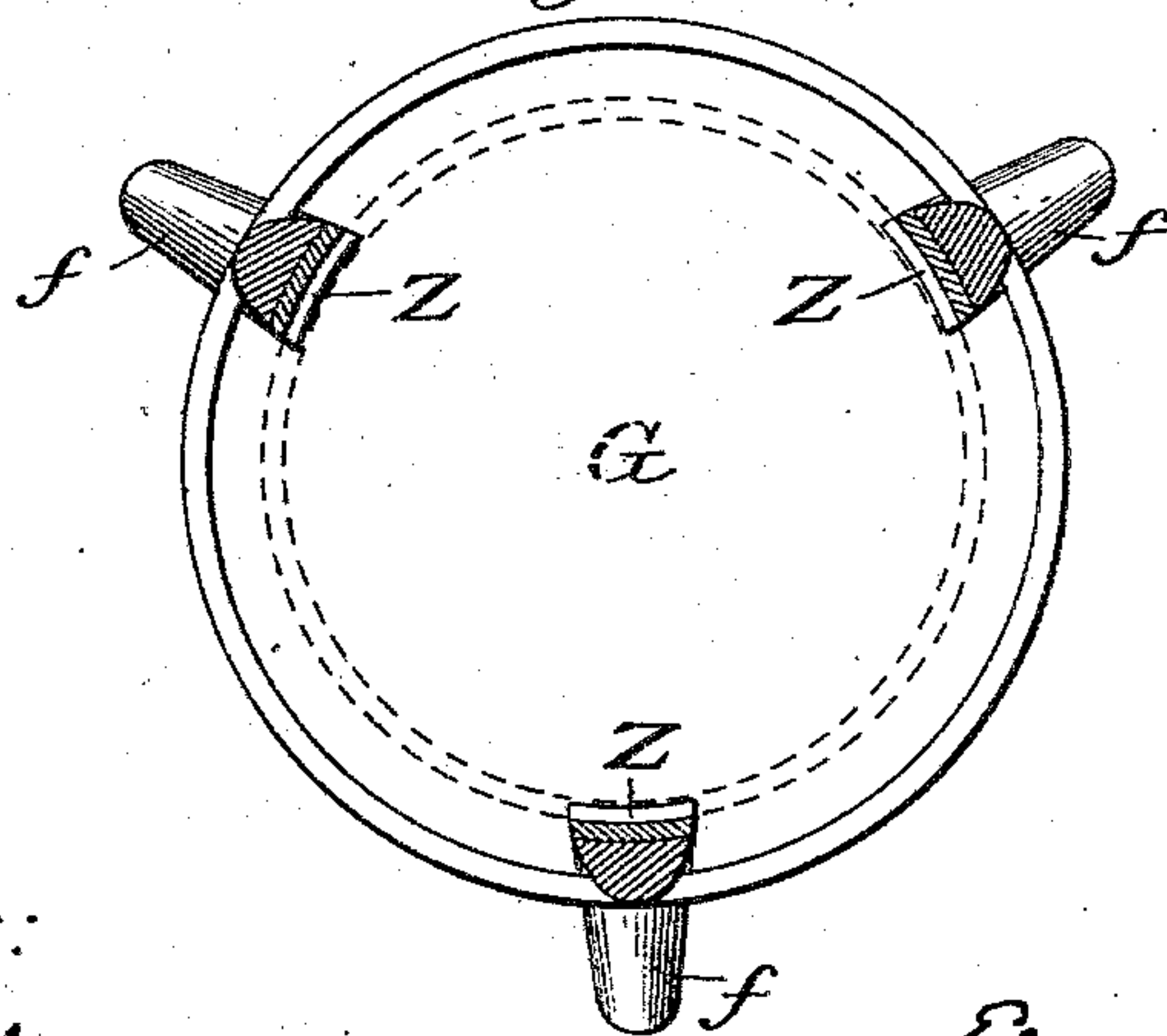
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*Fig. 4.*



*Fig. 5.*



Witnesses:

*John F. Allen*

*J. Gemmel, Jr.*

*Inventor.*

*Ernest Schmidt*  
*per Henry E. Prader*  
*Attorney.*



# UNITED STATES PATENT OFFICE.

ERWIN SCHMIDT, OF LEIPSI, SAXONY, GERMANY.

## TURNING CHAIR.

SPECIFICATION forming part of Letters Patent No. 286,641, dated October 16, 1883.

Application filed November 25, 1882. (No model.)

*To all whom it may concern:*

Be it known that I, ERWIN SCHMIDT, a citizen of Germany, residing at Leipsic, in the German Empire, have invented a new and useful Improvement in Turning Chairs, of which the following is a specification.

In the accompanying drawings, Figure 1 represents a vertical section of a turning chair embodying my invention. Fig. 2 is a horizontal section at line A B, Fig. 1. Fig. 4 is an outside view of the chair. Fig. 5 is a section at line C D, Fig. 4; and Fig. 3 shows a modification of the screw mechanisms, being an equivalent.

Similar letters represent similar parts in all the figures.

To the seat S of the chair a disk, G, is attached by means of suitable distance-pieces, *a a*. The legs *f* of the chair are provided near their upper ends with toothed segments Z, and the circumference of the disk G has a regular thread cut in, meshing into the teeth of the segments Z, which latter form segments of a regular nut if the same were continued all around. This arrangement supports the thread on the disk G at three or more places, according to the number of legs made on the chair,

and gives great stability to the same and to the seat, being nearly at the outer circumference of the seat.

Instead of the regular screw-thread cut on the disk G and working into the toothed segments Z Z Z, attached to the legs as above described, a bar, *h*, wound spiral, similar to a spiral spring, may be attached to the legs *f*, (see Fig. 3,) and the disk G, provided on its periphery with projecting teeth *g g*, which, if continued, would form a screw, and which rest upon the bar *h* at three or more places in the circumference.

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

In a revolving chair, the disk G, supporting the seat S, and provided with a screw-thread on its circumference, in combination with the toothed segments Z, attached to the chair-legs *f*, and forming a bearing for the disk, substantially in the manner and for the purpose described.

ERWIN SCHMIDT.

Witnesses:

ALBERT RUDOLPH,  
EMIL RUDOLPH.