

No. 616,799.

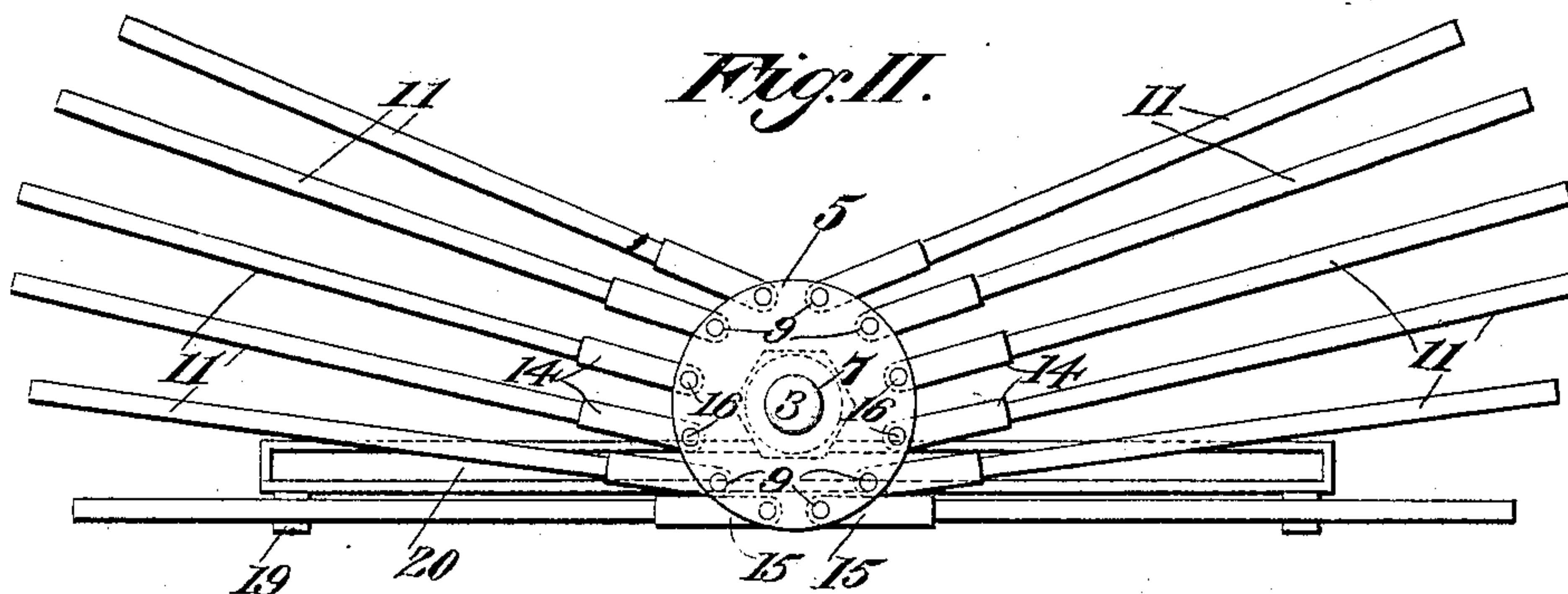
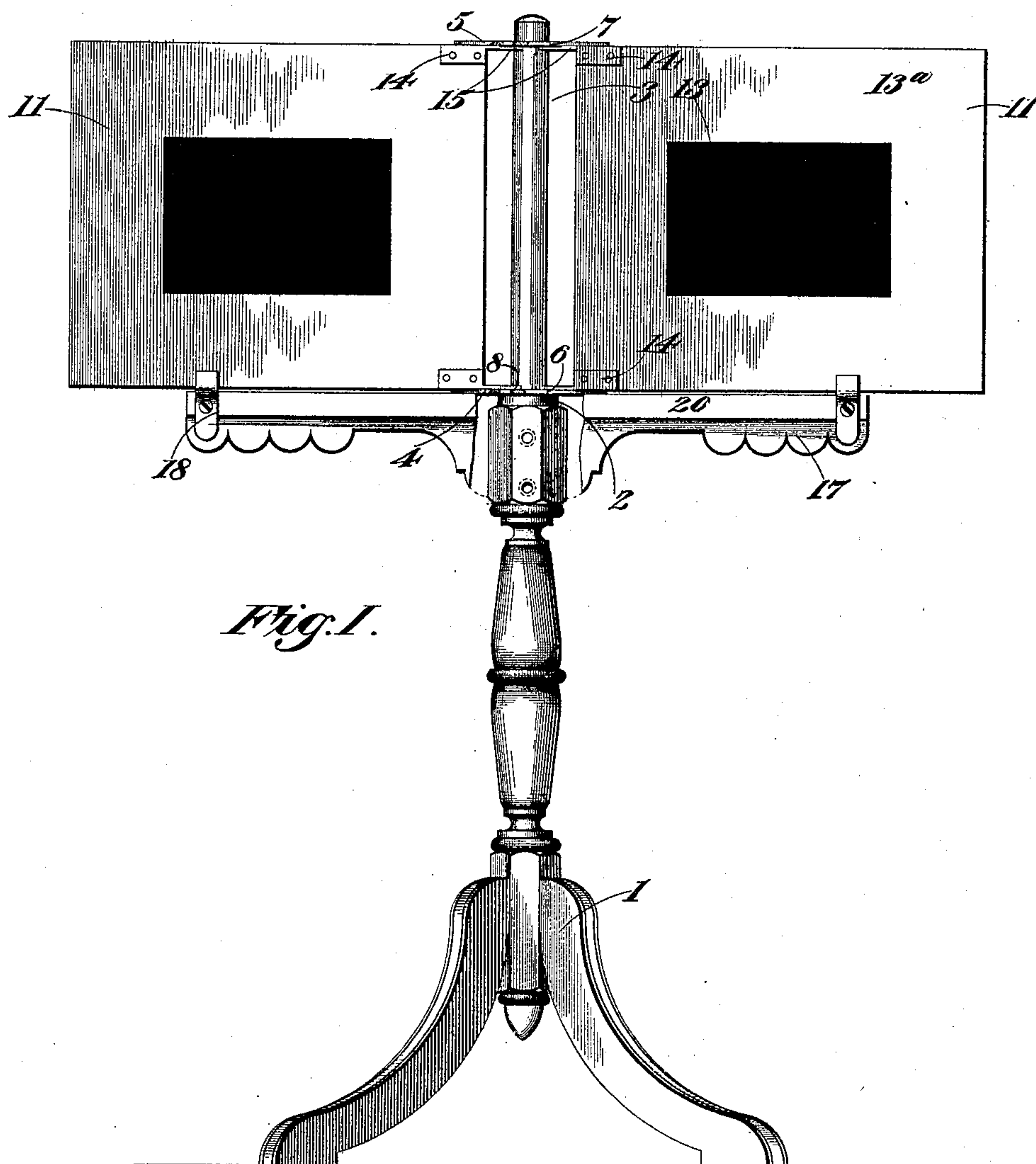
**Patented Dec. 27, 1898.**

**M. D. L. McCOLLUM.**

**BLACKBOARD.**

(Application filed Apr. 14, 1896.)

(No Model.)



Witnesses

Businesses  
M. E. Fowler  
Snicker

Inventor

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# UNITED STATES PATENT OFFICE.

MARQUIS D. L. McCOLLUM, OF WILLIAMSPORT, PENNSYLVANIA.

## BLACKBOARD.

SPECIFICATION forming part of Letters Patent No. 616,799, dated December 27, 1898.

Application filed April 14, 1896. Serial No. 587,449. (No model.)

*To all whom it may concern:*

Be it known that I, MARQUIS D. L. MCCOLLUM, of Williamsport, county of Lycoming, State of Pennsylvania, have invented certain  
5 new and useful Improvements in Blackboards, of which the following is a specification, reference being had to the accompanying drawings.

The object of my invention is to produce an  
10 improved blackboard having a plurality of swinging leaves adapted to revolve upon a central support and so arranged that any one of the leaves may be brought into a fixed position for writing upon it and by which all of  
15 the leaves may be turned independently to exhibit both surfaces thereof, respectively.

I propose to employ my blackboard especially as an advertising medium, and it is constructed with a view of rendering it serviceable both as a blackboard and to render it  
20 available for the purpose of exhibiting advertisements displayed upon its several leaves.

In the accompanying drawings, Figure I is a side elevation of my board complete, showing two leaves in fixed positions, in which they  
25 may be utilized as blackboards, the remaining leaves being adapted to move freely from side to side as means for exhibiting the advertising upon them. Fig. II is a top plan  
30 view of the same.

Referring to the figures on the drawings, 1 indicates any suitable stand or pedestal provided with a shoulder 2, above which projects a spindle 3. The spindle should be of  
35 suitable length to accommodate blackboard-leaves of the desired height.

4 indicates a bottom plate, and 5 an upper plate, provided with central apertures 6 and 7, respectively, and designed to fit loosely  
40 upon the spindle 3. The plates 4 and 5 are preferably disk-shaped and are provided with a circular series of apertures 8 and 9, respectively, each aperture in the plate 4 being opposite an aperture in the plate 5.

11 indicates one of the blackboard-leaves, of which there may be an indefinite number, proportionate to their size and the size of the  
45 plates 4 and 5. They are preferably made of light material, such as wood, pulp, or the like, and are designed to display a blackboard-surface 13, arranged, for example, in the center, and a margin, containing advertisements.

Any desirable relations between the blackboard-space and the advertising-space may be substituted for that illustrated. 55

Each of the boards 11 is provided at two of its corners with hinges, which preferably consist of an overlapping part 14, that forms a secure union for the hinge with the board, and with a strap projection 15, extending  
60 flush with the upper surface of the overlapping part 14. The straps 15 are inserted between the plates 4 and 5, respectively, and are secured in opposite apertures therein, as by means of rivets 16. When all of the leaves  
65 are in place, and thus secured to the plates, the two plates form, in effect, a supporting-frame which is held in position by the spindle 3, the lower plate 4 resting upon the shoulder 2.

By means of the construction illustrated  
70 any two of the leaves may be brought into alinement successively, the remaining leaves being allowed to swing freely behind the two fixed leaves, as is clearly shown in the drawings. 75

For the purpose of securing certain leaves in the fixed position I prefer to provide a transverse support 17, secured to the stand 1 directly underneath the plate 4. Upon the ends of this support I provide retaining members, which may consist of ordinary pivoted  
80 pieces 18, provided, respectively, with grooved ends 19, proportioned to the thickness of the leaves which they are to hold.

I propose to provide the transverse support  
85 17 with a chalk-rack 20. The retaining-pieces 18 should be located upon the support so as to bring two of the leaves into alinement, and, as illustrated, they are fastened upon the outer edge of the chalk-rack. By this arrangement the chalk-rack is covered and protected by the retained leaves, so that its contents are prevented from being accidentally  
90 dislodged and scattered about.

It is obvious that more than one transverse  
95 support, with the retaining-pieces, may be employed, so that the surfaces of four leaves may be held into position for writing upon them at one time; but this is a matter of duplication, which may be resorted to or not, as  
100 preferred.

What I claim is—

1. The combination with a stand, revolving frame and swinging leaves thereon, of a chalk-

rack secured to the frame, and retaining members upon the chalk-rack adapted to hold any two of the leaves fixed in substantial alinement, substantially as set forth.

- 5 2. The combination with a stand, revolving frame, and swinging leaves, of a chalk-rack secured to the stand, means for retaining any two of the leaves in alinement with the rack, and with each other, the rack being located

so as to come underneath the leaves and be protected thereby, substantially as set forth.

In testimony of all which I have hereunto subscribed my name.

MARQUIS D. L. McCOLLUM.

Witnesses:

JUSTIN L. HILL,  
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