

(No Model.)

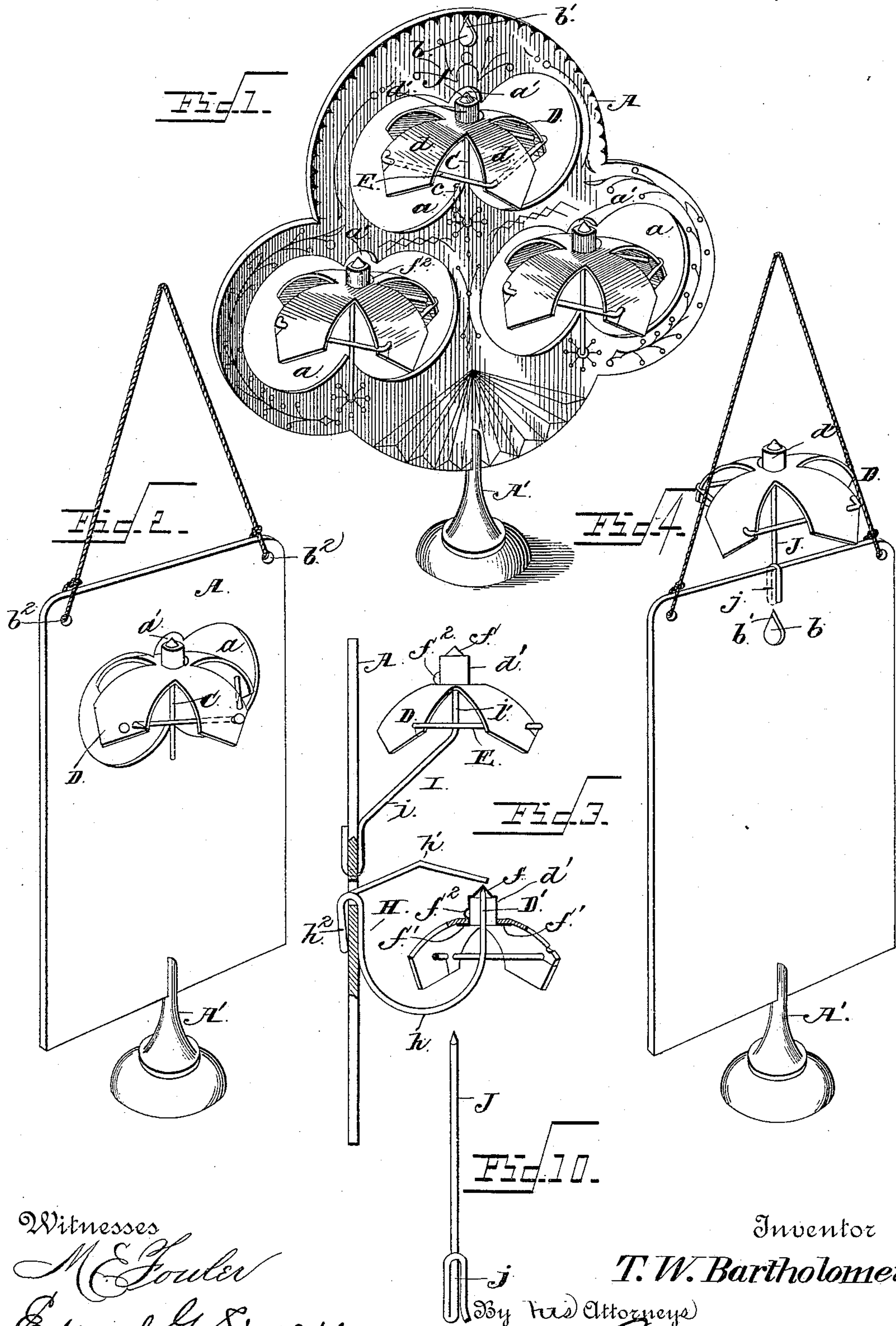
2 Sheets—Sheet 1.

T. W. BARTHOLOMEW.

ADVERTISING CARD.

No. 354,174.

Patented Dec. 14, 1886.



Witnesses  
*M. E. Fowler*  
*Edward G. Siggel*

Inventor  
*T. W. Bartholomew*  
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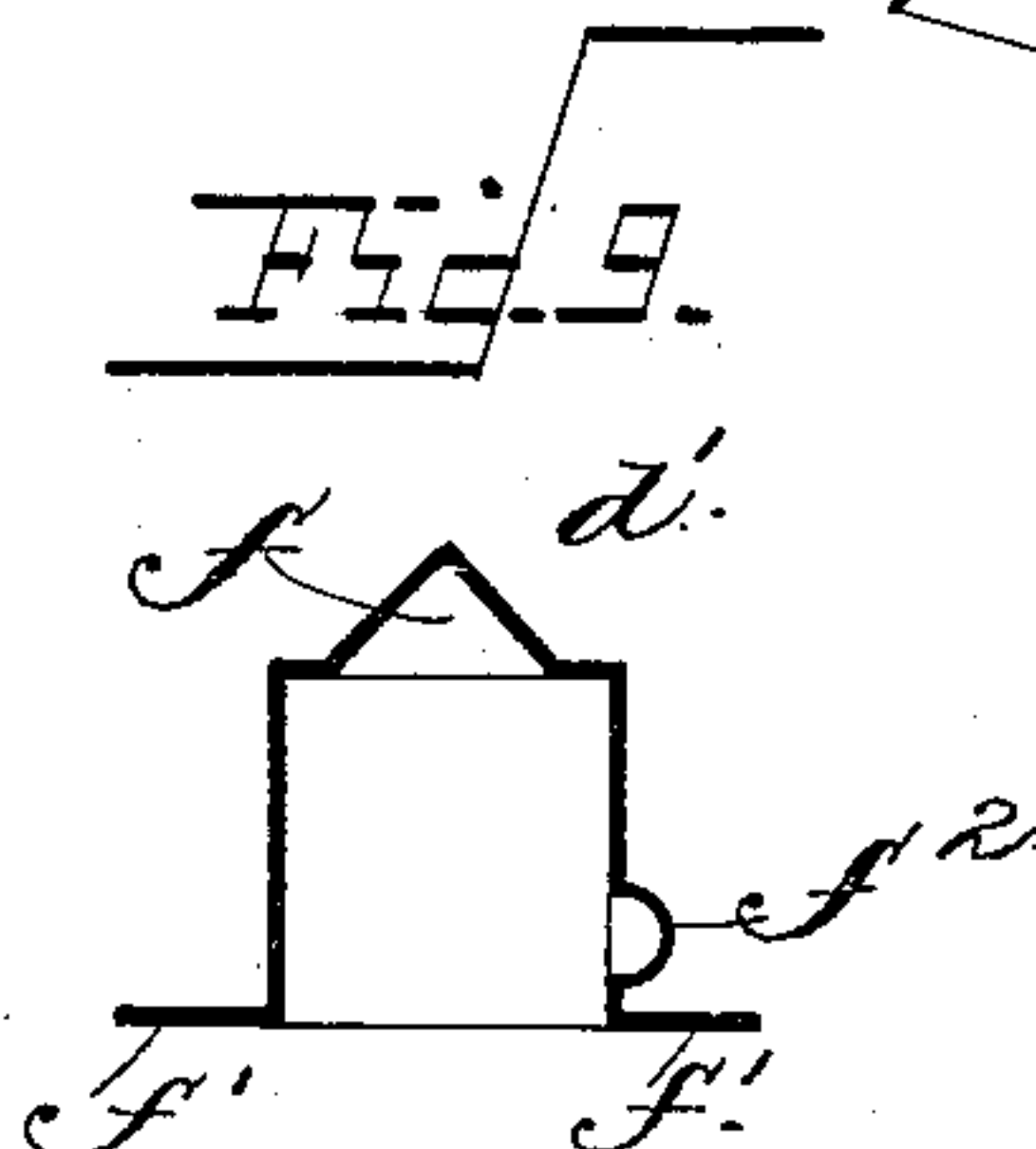
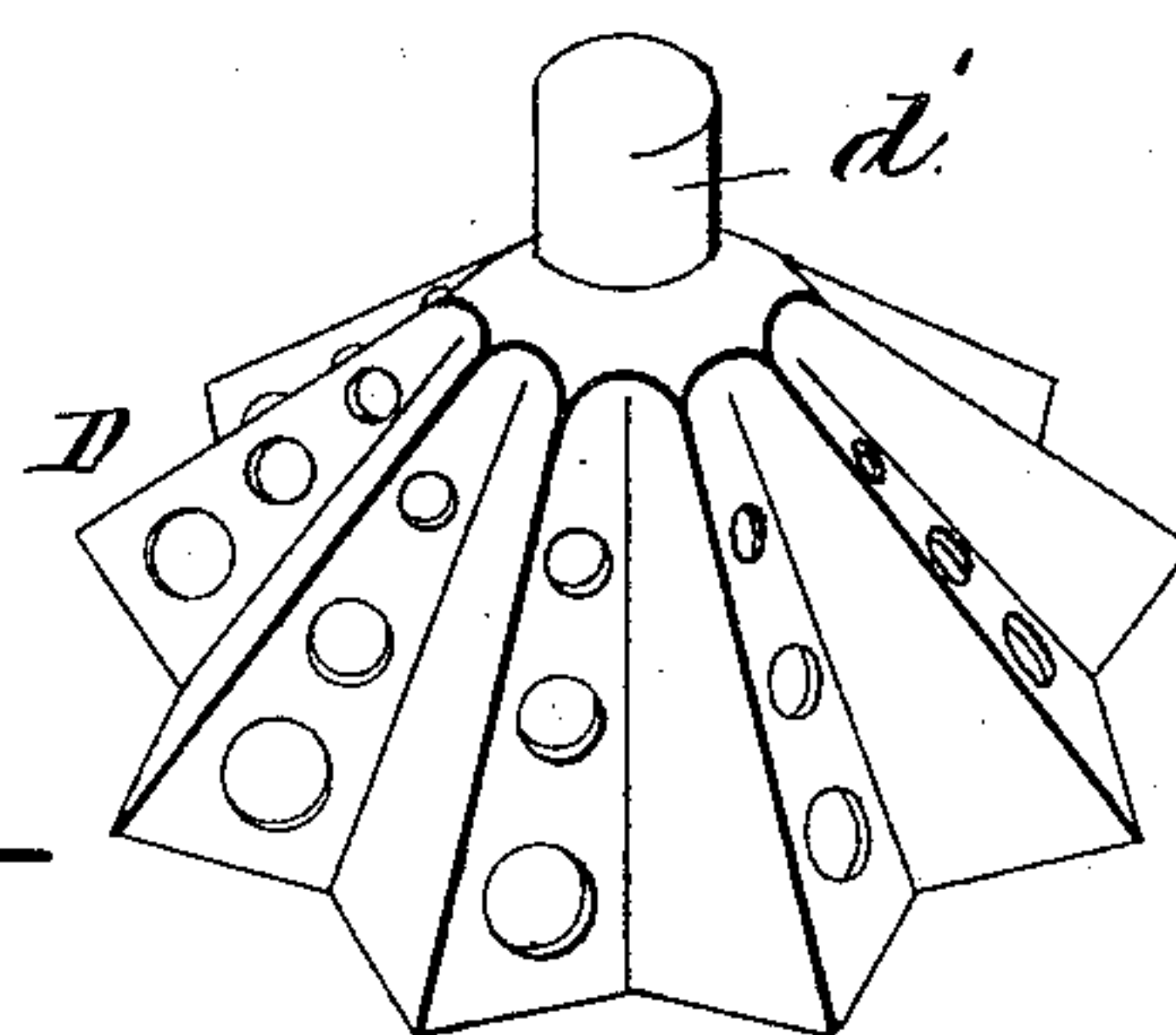
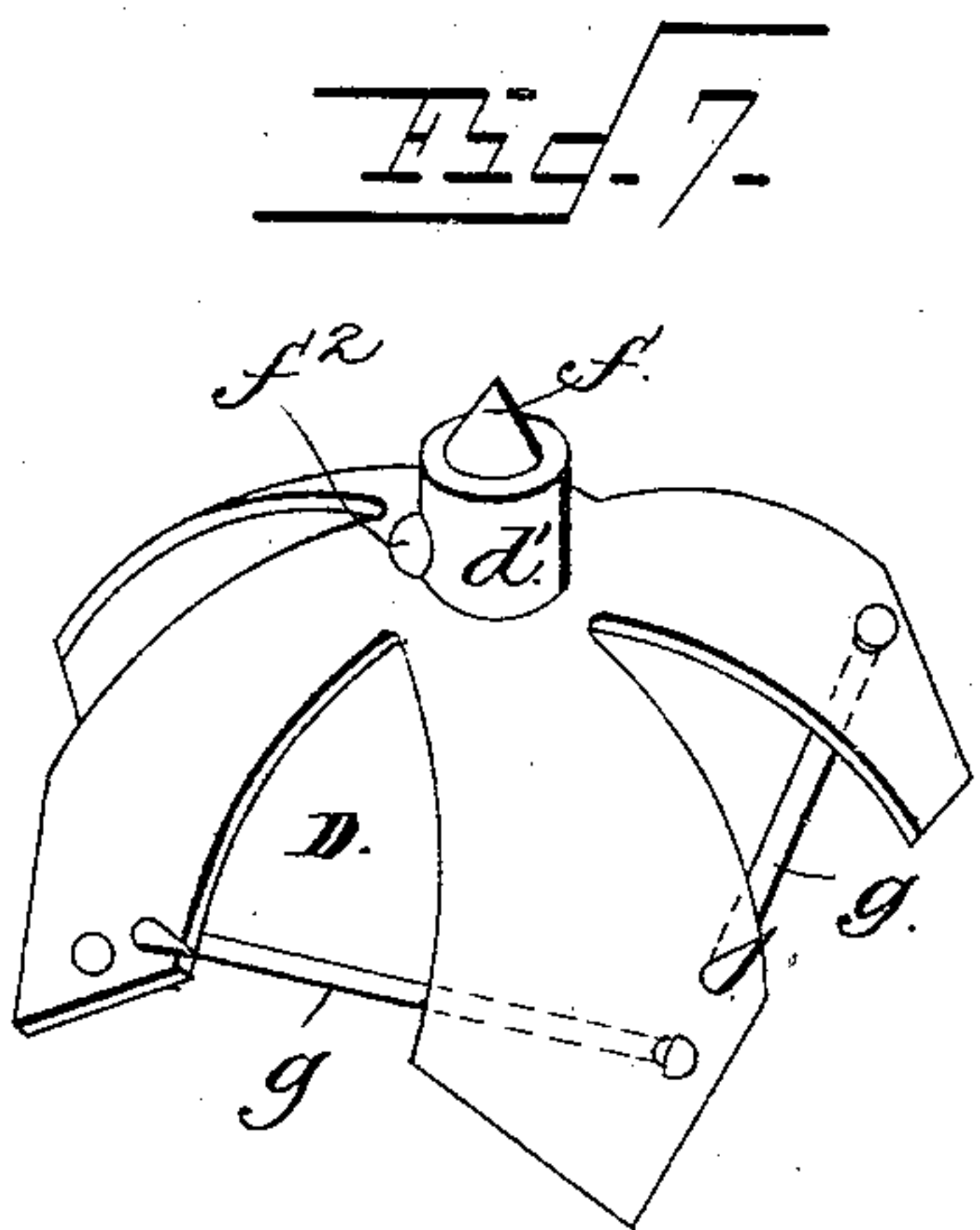
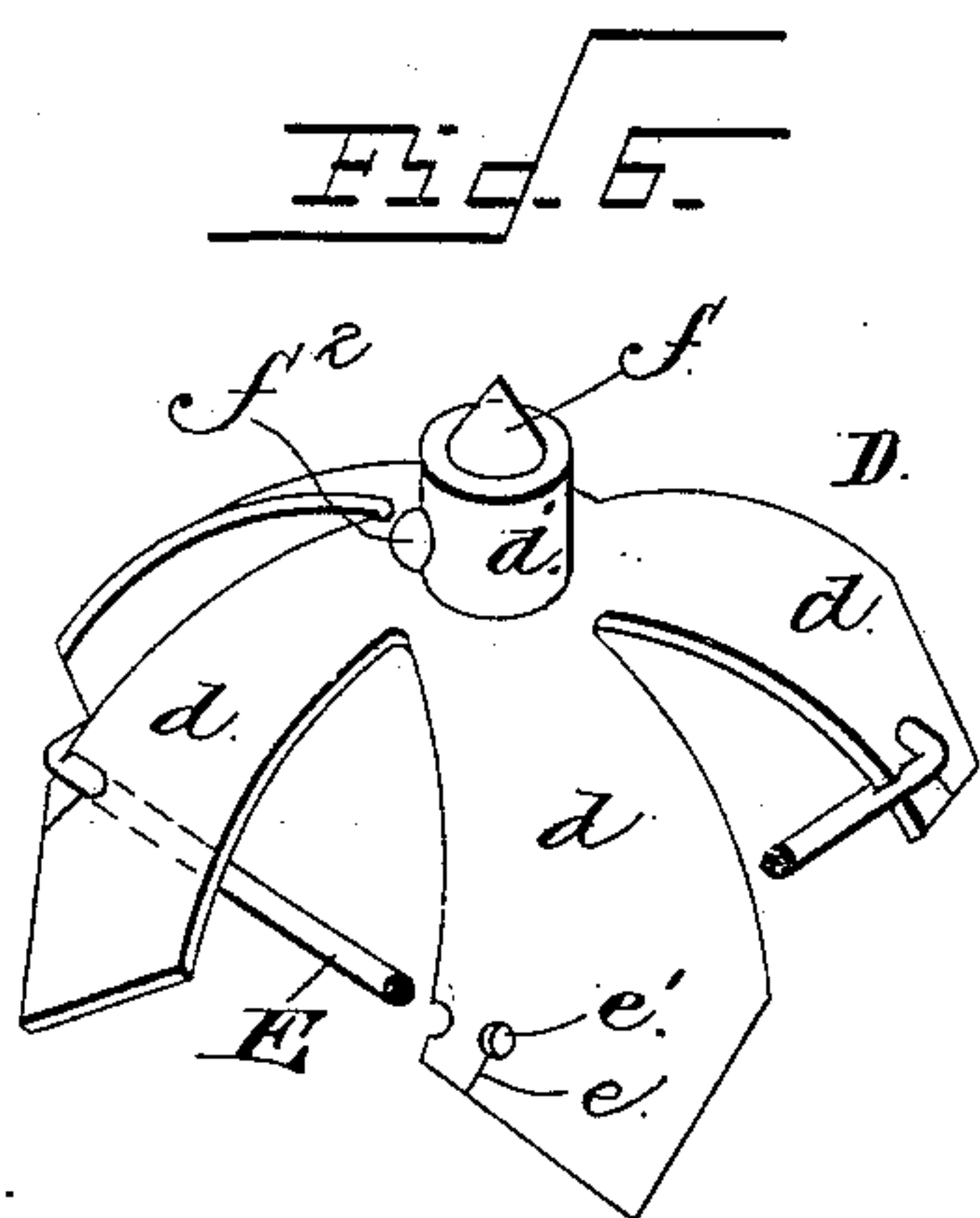
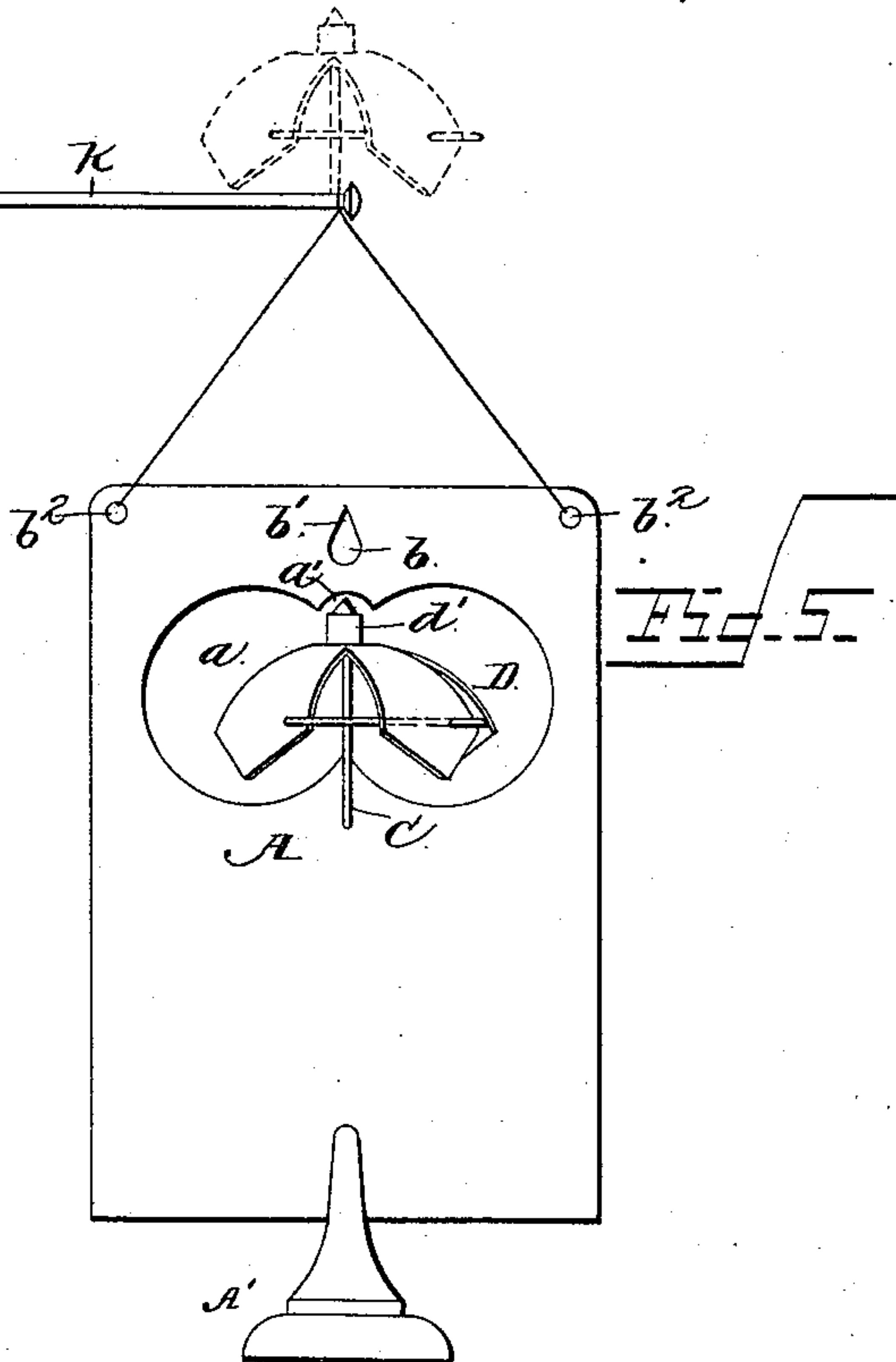
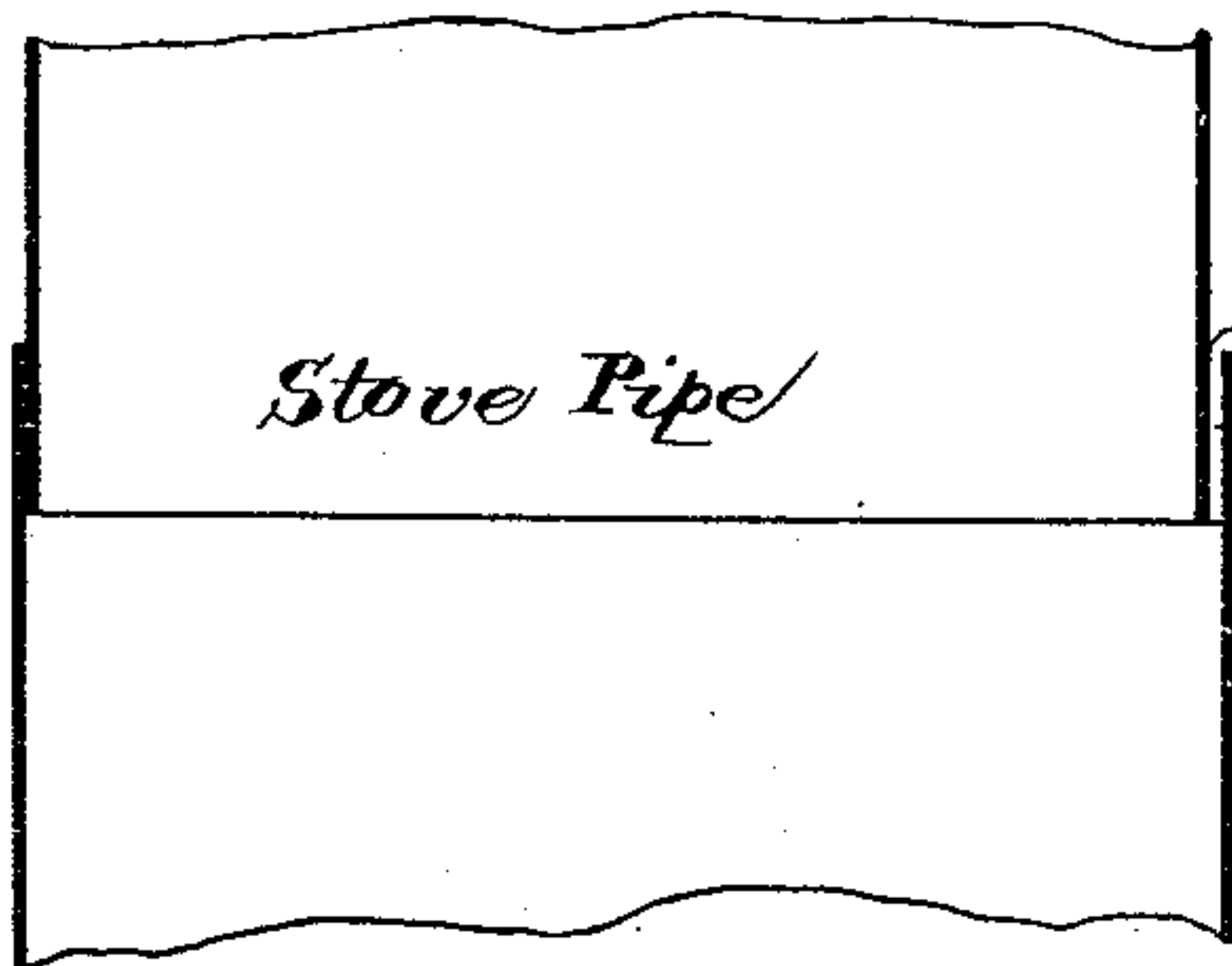
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*C. A. Snow*



# UNITED STATES PATENT OFFICE.

THOMAS W. BARTHOLOMEW, OF DANVILLE, PENNSYLVANIA.

## ADVERTISING-CARD.

SPECIFICATION forming part of Letters Patent No. 354,174, dated December 14, 1886.

Application filed January 16, 1886. Serial No. 188,758. (No model.)

*To all whom it may concern:*

Be it known that I, THOMAS W. BARTHOLOMEW, a citizen of the United States, residing at Danville, in the county of Montour and State of Pennsylvania, have invented a new and useful Improvement in Advertising-Cards, of which the following is a specification, reference being had to the accompanying drawings.

My invention relates to improvements in advertising-cards; and the novelty consists of the peculiar construction and combination of parts, substantially as hereinafter fully set forth, and specifically pointed out in the claims.

The primary object of my invention is to provide an improved advertising-card having a rotatable whirligig or ornament that shall attract attention to the card.

A further object of the invention is to provide means whereby the whirligig is prevented from becoming easily or accidentally detached from the card or from its suspending cap; and it has further for its object to provide a card that shall be very simple in construction and cheap and inexpensive of manufacture.

In the accompanying drawings, Figure 1 is a perspective view of my improved advertising-card, showing a series of rotatable ornaments or whirligigs. Fig. 2 is a like view of my improved card having a single whirligig. Fig. 3 is a view showing a card provided with suspending devices or pivots for holding the whirligig out of a vertical plane with itself. Fig. 4 is a view of a card having a pivot-arm adapted to be detachably connected to an ordinary card and support the whirligig above the card. Fig. 5 is a view showing a pivot-arm detachably connected to a stove-pipe and having a card suspended therefrom, thus utilizing the force of the heat radiating from a stove, &c., to rotate the whirligig. Fig. 6 is a detached detail view of the whirligig. Figs. 7 and 8 are views of modifications thereof. Fig. 9 is a detached detail view of the suspending cap for the whirligig or ornament. Fig. 10 is a detail view.

Referring to the drawings, in which like letters of reference indicate corresponding parts in all the figures, A designates a card on which is printed, stamped, embossed, or otherwise indelibly impressed the advertisement, to-

gether with any ornamentation, either plain or fancy. This card is provided with three or more openings, *a*, that are suitably arranged or disposed in the card, and each opening has at its upper edge a notch or detent, *a'*, cut or formed therein to prevent the whirligig from becoming easily or accidentally detached. The card is provided with a suitable base, *A'*, in which it is detachably secured and adapted to be supported on a counter, show-case, or other place where it can be readily observed by the public, and at its upper edge the card has an opening, *b*, therein, through which passes a card, thread, or other flexible suspending device, the base *A'* in this case being omitted or detached from the card; but it may be retained in position thereon, as it serves to hold the card steady when in suspension. This opening *b* has its upper edge pointed, as at *b'*, and the card, &c., is fitted in this opening to prevent it from moving from side to side and suspend the card centrally, thus obviating the danger of the card swaying from side to side.

C designates pivot arms or pins that are arranged vertically and centrally within the openings *a* of the card. The lower ends of these pivots are bent to provide binding-arms *c*, which are passed through the card to secure the pin thereto, and the upper ends of these pins are arranged in close proximity to the notch or detent *a'* in the card, a small space being provided for the insertion of the suspending cap of the whirligig.

D designates the whirligig, which comprises a series of arms, *d*, which meet at a common center, and a cap, *d'*, that is connected to the center of the arms. These arms are preferably cut or stamped from a single piece of paper or other suitable material, and they are bent or inclined downwardly so that they are adapted to be connected together for the purpose of adding strength and durability thereto. The arms of the whirligig can be printed, stamped, embossed, or otherwise ornamented in any preferable colors or manner, and the whirligigs and the card A can be of various colors to present an attractive appearance. One edge of each arm of the whirligig has a notch, *e*, cut therein, and an opening, *e'*, at the inner end of the notch and communicating therewith for a purpose presently described. The cap *d'* is



preferably made cylindrical and hollow, and it is provided at its upper edge with a conical or pointed head, *f*, and at its lower edge with angular flanges or ledges *f'*. The cap is secured to the whirligig proper by passing the lower end of the cap through the central part of the arms *d*, and then bending the flanges or ledges at right angles to the cap, so that they bear against the lower face of said central part of the arms to prevent them from becoming easily detached. The conical or pointed head *f* provides a bearing for the reception of the upper end of the pivot-pin C, and the cap and whirligig are free to rotate easily on the pivot.

E designates a brace-frame, that is preferably formed of wire and has a number of bars or sides that correspond with the number of wings of the whirligig. The angles or corners of this brace-frame are fitted in the slots *e* of the lower free ends of the radial arms or wings *d*, and the brace-frame is then forced up into the openings *e'*, the edges of the slots closing around the openings to retain the brace-frame therein. By securing the brace-frame to one edge of each of the radial arms or wings, the other free edge of said wings is caused to project outwardly so that they will readily catch a draft of air or gust of wind, and thus rotate the whirligig on the pivot. The brace-frame also serves to balance the whirligig, and causes it to run evenly and steadily on the pivot, while at the same time it braces the arms and keeps them in proper position.

In lieu of making the frame of a single piece of wire a number of arms, *g*, may be employed, the beaded end of each arm being secured to one edge of wing, and the hook-shaped end of the brace-arm being connected to one edge of one of the adjacent wings or arms, as shown in Fig. 7 of the drawings, this arrangement being continued around the series of wings. The cap *d'* is further provided with a projection, *f''*, that is arranged above the upper surface of the central portion or hub of the wings of the whirligig to prevent the latter from upward movement on the cap and becoming detached therefrom when on the pivot. This lug or projection *f''* thus serves as a retainer, and in lieu thereof a horizontal circumferential flange or ledge may be provided, as is obvious, and the cap, together with its closed head, rib, or projection, and flanges, is made or formed in one piece of metal.

In lieu of making the separate radial arms or wings and connecting them by the brace-arms, the whirligig may be formed from a single piece of paper or other suitable material, as shown in Fig. 8. When made in this form, it comprises a series of inclined radiating corrugations that have a central hub to which the suspending cap is suitably connected, and when made in this form it may be pressed from papier-maché and provided with apertures and ornamented, as is obvious.

In Fig. 2 of the drawings, the card A has a single opening, *a*, and a detent, *a'*, in which

are suitably disposed the pivot C and the whirligig, constructed and operating in the manner hereinbefore set forth. The card shown in this figure may have the supporting base A', or the aperture *b* with its tapering upper edge for the attachment of a suspending device, or it may be provided at its upper corners with apertures *b''*, to which are attached the free ends of a cord or the like.

In Fig. 3 of the drawings, I show a card, A, that is adapted to be secured to a wall or other place of support, and provided with suspending devices for the whirligigs to support the same out of alignment with its vertical axis. The card A may be secured directly to wall or the like by tacks, pins, or otherwise, or it may be suspended by cords or the base A'. Said card is provided with a bracket, H, that is preferably formed of a single piece of wire and comprises a curved bar, *h*, having the vertically-disposed pivot D', and the arm *h'*, that is arranged above the pivot to provide the detent for retaining the whirligig on the pivot and prevent its accidental detachment. These arms or bars *h h'* meet at one end and are bent to form a clamp, *h''*, that is arranged at an angle to said arms, and is passed through an opening in the card and bears on the rear face thereof to clamp the bracket rigidly thereto. These brackets are preferably disposed in the same horizontal plane and at a short distance apart, and above and between them is located another arm, I, that has its lower end hooked and connected to the card; and this arm I is bent to form the angular or diagonal portion *i* and the vertical portion *i'*, on which the whirligig is loosely fitted to rotate or turn freely.

From the foregoing description, taken in connection with the drawings, it will be seen that I provide an advertising-card that is ornamental and attractive in appearance, is simple, durable, and cheap; that the whirligigs can be readily and quickly placed in position and removed, and at the same time the retaining-detents prevent the accidental detachment of said whirligigs; that the card can be upset or reversed in position without detaching the whirligigs, and can thus be packed for storage or transportation, and that the whirligigs are rotated easily and freely on their pivots when operated on by a gust of air or the force of the breath, the arms being adapted for easy operation by being inclined and balanced by the braces.

In Fig. 4 of the drawings, the card A has a pivot arm or rod, J, detachably connected to its upper edge, and the whirligig is mounted on the upper free end of the rod. The lower end of this rod is bent upon itself, and then bent downwardly to form a clamping-arm, *j*, that bears over the upper edge of the card, and is held in place by frictional contact between the opposing faces of said card and clamp. This device can be applied to any of the ordinary advertising-cards at present in common



use, and as it is detachably connected thereto by the spring-clamp *j*, it can be readily applied and removed.

K designates an arm having a right-angled flattened end, *k*, that fits between the joint formed by the meeting ends of two sections of a stove-pipe, as shown in Fig. 5. The outer end of this arm is provided with an enlarged head, from which is suspended a card, A, having a rotatable whirligig; or in lieu of suspending the card from the arm said arm may have a pivot-pin at its free end, on which the whirligig may be mounted directly.

It is obvious that the heat radiating from the stove or the pipe thereof will strike the radial arms or wings, and serve to continuously rotate the whirligig.

Various changes in the form and proportion of parts and details of construction may be made without departing from the spirit of my invention.

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

1. The combination of an advertising-card, a pivot secured thereto, and a whirligig mounted on the pivot, substantially as described.

2. An advertising-card provided with a pivot and a horizontally-rotatable whirligig loosely mounted on the pivot, substantially as described.

3. An advertising-card provided with a rotatable whirligig and a detent for holding the same on its pivot, substantially as described.

4. The combination of a card, a pivot-pin detachably secured thereto, and a whirligig, substantially as described.

5. The combination of a card, a pivot, a whirligig, and a detent, substantially as described.

6. A suspended advertising-card provided with an opening having a detent, a pivot secured to the card within the opening, and a whirligig mounted on the pivot and located in the opening of the card, substantially as described.

7. An advertising-card having a rotatable whirligig provided with radial wings or arms, substantially as described.

8. An advertising-card provided with a whirligig having radial wings and a cap, substantially as described.

9. An advertising-card provided with a whirligig having a series of radial arms or wings arranged at an angle to each other, substantially as described.

10. An advertising-card provided with a whirligig having a series of radial wings and braces connecting the free edges of the wings, substantially as described.

11. A card having a whirligig with a series of wings or arms and braces seated in notches at one edge of each wing, substantially as described.

12. A whirligig for advertising-cards, having a cap provided with a retaining rib or projection, substantially as described.

13. As an article of manufacture, an advertising-card provided with an opening and a detent, a pivot-pin, and a whirligig comprising a series of connected counterbalance-wings and a cap having a projection or rib and flanges *f'*, substantially as described.

14. The combination, with the suspension-card, of a revolving ornament or whirligig turning on a pivot of the card, a suitable suspension card or device connected to the upper part of the card, and a detachable base at the bottom of the card for the purpose of holding the card upright when set on a flat surface, and also holding the card steady when in suspension, as set forth.

15. A card having a pivot and a rotary whirligig loosely fitted on the pivot and carried by the card, as and for the purpose set forth.

16. The combination, with a suspended card, of a rotary whirligig or ornament carried thereby and a base connected to the lower part of the card, as and for the purpose set forth.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

THOMAS W. BARTHOLOMEW.

Witnesses:

ROBERT ADAMS,  
R. M. CATHCART.