

1,291,198.

Patented Jan. 14, 1919.

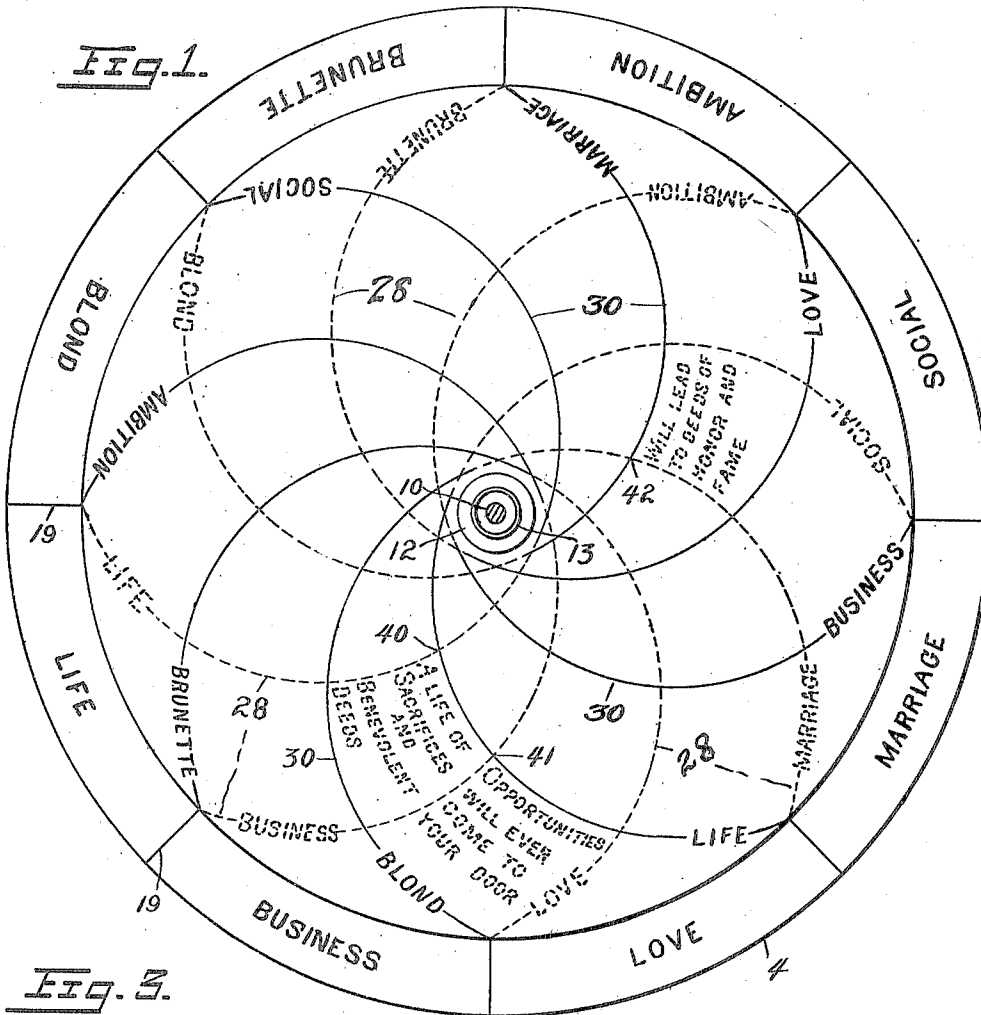
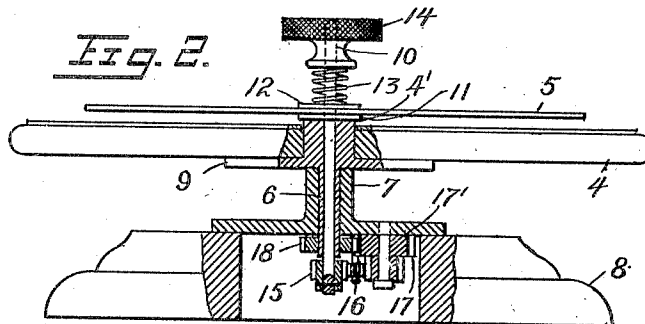
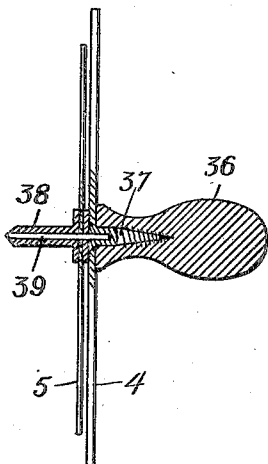


Fig. 2.



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UNITED STATES PATENT OFFICE.

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AMUSEMENT DEVICE.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, CHARLES P. SHORE, a citizen of the United States, residing at Hicksville, in the county of New York and State of New York, have invented certain new and useful Improvements in Amusement Devices, of which the following is a full, clear, and exact specification.

This invention relates to amusement devices, and particularly to an automatic fortune telling device, and it is an object of the invention to provide a device of this character which offers variable combinations of readings or compositions designative of good or evil fortune and the respective designations may be readily read and fortunes told by one operating the device.

The principal object of the invention is to produce variable combinations of readings or compositions based upon different phases or designations of life, such as life, business, love, marriage, social, ambition, brunette and blond, and the dividing of such readings into variable sub-combinations of readings or compositions.

In carrying out the invention, there is provided what is termed a "reading disk" and a superposed transparent disk termed an "indicator disk", either one of which is rotative relative to the other, or both may be rotated in opposite directions. The reading disk has a plurality of curved radial lines to divide said disk into a plurality of sections or spaces. Each of the division lines has a designation of the principal phases of life, such as life, business, love, marriage, social, ambition, brunette and blond, and a plurality of readings or compositions are arranged in radial succession in the spaces between the curved lines. The indicator disk is also provided with curved lines of the same number as the lines on the reading disk but oppositely curved and having designated thereon the phases of life in the successive order as indicated on the reading disk, whereby each line of the indicator disk will intersect lines of the reading disk, and vice versa, and whereby innumerable and variable combinations and sub-combinations of readings or compositions may be produced and readily read by the operator of the device.

In the drawing accompanying and forming a part of this specification, Figure 1, is a plan view of a fortune telling device showing an embodiment of my invention, in

which the reading disk is indicated by full and dotted lines and the transparent disk by full lines.

Fig. 2 is a side elevation of a device, partly in section, showing an embodiment of my invention; and

Fig. 3 is a sectional side elevation illustrating a modified construction for carrying out my invention.

Similar characters of reference designate like parts throughout the different views of the drawing.

The embodiment of my invention shown in the drawing comprises a disk 4, termed a "reading disk," and a transparent disk 5, preferably of celluloid and termed an "indicator disk," superposed to the disk 4. As shown in Fig. 2, the disk 4 is mounted on a bushing 4' having an annular flange 9 to support the disk 4 upon a bearing 7. An extended sleeve portion 6 of the bushing is rotatably supported in the bearing 7. The bearing 7 has an annular flange whereby it is secured to a base 8, said base having a central opening, one end of which is closed by the flange of the bearing 7. The disk 5 is fixed to a shaft 10, rotatably mounted in the supporting bushing 4' and extended sleeve portion 6 with the ends projecting from opposite ends thereof. Bearing washers 11 and 12 are secured to the opposite sides of the disk 5, the washer 11 serving as a bearing support for the disk and to space the same from the disk 4. The disk 5 is yieldingly maintained contiguous to the disk 4 by a spring 13 confined between the disk washer 12 and a knob 14 fixed to the upper end of the shaft 10.

The disks 4 and 5 are adapted to be rotated in opposite directions and for this purpose there is provided a pinion 15 fixed to the shaft 10 within the opening in the base, said pinion meshing with an idler pinion 16 meshing with a second idler pinion 17, rotatable with a gear 17', which latter gear meshes with a pinion 18 fixed to the sleeve 6. It will be obvious that by rotating the knob 14 fastened to the shaft 10 that the disk 5 will be rotated in the same direction as the knob, while the disk 4 through the train of gearing 15, 16, 17, 17' and 18 will be rotated in a reverse direction.

The disk 4 adjacent its periphery is divided into a plurality of equal spaces, shown as eight in number, by radial lines 19 and in the spaces thus provided there is printed

the words life, business, love, marriage, social, ambition, brunette and blond, designative or symbolic of the eight principal phases of life for a purpose to be hereinafter described. The reading disk 4 is provided with curved lines 28 to divide the reading disk within the peripheral spaces into an equal number of radially extending spaces. The lines start at a point coincident with the radial divisional lines 19 with the opposite ends of the lines merging into a circle whose axis is in line with the axis of the disk. These lines also have the successive designations of the phases of life, as life, business, love, marriage, social, ambition, brunette and blond, similarly to the spaces adjacent the periphery of the disk. Each of the spaces between the lines 28 is provided with a series of readings or compositions, preferably equal in number to said curved spaces on the disk and reading successively and radially outward from the center of the disk, such as, "Hate"; "Sorrows, tears"; "Rival will outwit you"; "Outwit a dangerous rival"; "Will gratify your soul's desires"; "A letter or parcel will bring great rejoicing"; and "Will lead to deeds of honor and fame", as indicated in the spaces between the lines designative of the life phases "marriage" and "love", and which readings or compositions are based on the life phase. The spaces following the other lines likewise have appropriate readings or compositions based on the respective designations of the life phases.

The upper or indicator disk also has curved or radial lines 30, in number equal to the lines 28 on the reading disk and of the same curvature but curved in opposite directions, and having the same successive designations, life, business, love, marriage, social, ambition, brunette and blond representative of the eight principal phases of life. It will be obvious that as the indicator disk is transparent the lines and designations on the reading disk can be observed and read through the indicator disk.

The curvature of the lines 30 on the indicator disk as well as the curvature of the lines 28 on the reading disk is such that each of the lines of each disk will cross or intersect lines of the other disk, as clearly shown in Fig. 1, whereby the space following each line on the reading disk is divided into blocks or sections, in which blocks the readings or compositions are located as indicated in the space on the reading disk following the line representative of the life phase "business". It will be obvious that as the disks are rotated in opposite directions and finally cease to revolve, innumerable and variable readings or compositions are produced which may be readily read by the operator. The successive lines on either one or both of the disks may be in different

colors producing a blending of colors and a pleasing effect when the disks are rotated. For convenience of illustration, the lines on the transparent disk have been shown in full lines, while the lines on the reading disk have been indicated in broken lines.

An example of the operation of the device is substantially as follows:

The disks 4 and 5 are revolved in opposite directions by rotating the knob 14, and allowed to come to a stop. Should the disks come to a stop with the terminal of the lines on the disk 5 coming to a point between either of the radial lines 19 on the disk 4 the disk 5 is moved in a direction toward the line 19 to which the terminal of the lines on the disk 5 are the nearest so that said lines 30 will register with the lines 19, and, assuming the positions of the said disks when they have come to rest are as indicated in Fig. 1, it will be observed that at the point marked 40, the full line on the transparent disk 5, and which line denotes "life", intersects the dotted line on the reading disk 4, and which dotted line, in this instance also denotes the life phase "life". It will also be observed that the full line on the transparent disk denoting the life phase "life", intersects the dotted line "business" on the reading disk at the point marked 41. Below the point 40 and also below the point 41 will be found, respectively, the following compositions on the reading disk: "A life of sacrifices and benevolent deeds"; "Opportunities will ever come to your door", and which readings are supposed to be in reply to the questions propounded by the person operating the device, for instance: "What will my life consist of in the future?" and "Will I be successful in business"? By way of further illustration, it will be noted that in this position of the disks, the full line "Marriage" on the transparent disk intersects the dotted line "Marriage" on the reading disk at the point marked 42, and underneath this intersection is found the composition: "Will lead to deeds of honor and fame", and which reading is supposed to be in answer to the question of the operator, before revolving the disks by rotating the knob 14: "What will my marriage result in?" or such question may be propounded in conjunction with the questions "What will my life consist of in the future?" and "Will I be successful in business?"

As heretofore explained, all of the spaces on the reading disk will be filled with compositions relating to the various phases of life indicated on said disk with the result that all sorts of questions may be propounded to the device by the operator, and these questions may be based on either one or jointly on two or more of the life phases.

It will be obvious that the disk 5 may be brought to a stop with the line 30 indicative

of the phase of life "life" in register with either of the other divisional lines 19 between the spaces for the designations of the phases of life; as, for instance, should the "life" line 30 on the disk 5 register with the divisional line 19 between the designations of the phases of life "ambition" and "brunette," then the answer to a question as "What will my marriage life be?" would be "Will lead to deeds of honor and fame," which composition is in the space below the intersection 42 of the line 30, then indicative of the life phase "life," with the line 28 on the disk 4 indicative of the phase of life "marriage." The crossing or intersecting phases may suggest the questions. Assuming the indicator disk has come to a stop as shown in Fig. 1 with the dotted line 28 indicative of "business" crossed by the full line 30 indicated by "life," the question suggested would be relative to the business life, and the answer, in accordance with the composition below the point of intersection 41 of said lines, would be: "Opportunities will ever come to your door." As a further illustration, the full line 30 indicated by "marriage" crossing the dotted line 28 indicated by "marriage," would suggest a question relating to marriage, and the answer thereto would be as indicated in the space below the point of intersection 42 of said lines, to wit: "Will lead to deeds of honor and fame." As there are several inscriptions or compositions, radially arranged in the spaces between the respective lines, some of which are designative of good fortune while others are designative of evil fortune, and either one of which is subject to a chance crossing or intersection of one of the lines on the indicator disk, it will be obvious that variable readings may be produced.

In Fig. 3 I have shown a modification, in which the reading disk 4 is fixed to a handle 36, as by a screw 37, the indicator disk 5 being carried by a tubular bushing or bearing 38, rotatably mounted on a stud 39, secured in the screw 37, whereby the indicator disk may be rotated relative to the reading disk. The disks are provided with the curved or radial lines and the designations of the phases of life as well as the readings or compositions based on such phases of life, the same as the disks in Fig. 2, the readings of which compositions are the same as hereinbefore described in connection with the construction shown in Fig. 2.

Having thus described my invention I claim:

1. A fortune telling device comprising superposed disks, each disk having a plurality of lines extending radially from about the axis of the disks and so arranged that each line of one disk will intersect lines on the other disk.

2. A fortune telling device comprising

superposed disks, each disk having a plurality of curved lines with the lines of one disk curved radial in a direction opposite to the lines on the other disk, and each line on each disk intersecting lines of the other disk.

3. A fortune telling device comprising superposed disks, one of which is rotatable relative to the other; a plurality of curved lines on each disk extending from about the axis of the disks to the periphery with the curvature of the lines on one disk opposite to the curvature of the lines on the other disk and having successive designations of different phases of life, and the lines of one disk intersecting lines of the other disk for the purpose specified.

4. A fortune telling device comprising superposed disks rotatable relative to each other; a plurality of radial curved lines on one of said disks, the successive lines having designations of different phases of life; a plurality of radial curved lines on the other disk of the same curvature as the lines of the first disk but extending in an opposite direction, said lines also having the successive designations of different phases of life the same as on the first disk, and each line of the respective disks intersecting lines of the other disk.

5. A fortune telling device comprising a disk having a plurality of radial curved lines, the successive lines having designations of different phases of life; a rotatable transparent disk superposed on the first disk having radial curved lines equal in number to and curved in a direction opposite to the curvature of the lines on the first disk, and the respective lines having the successive designations of the different phases of life indicated on the first disk; each of the lines of one disk intersecting lines on the other disk; and radially arranged compositions in the spaces between the lines of the first disk based on the phases of life designated on the disks for the purpose specified.

6. A fortune telling device comprising a disk having radial divisional lines adjacent the periphery to provide a plurality of spaces having successive designations of different phases of life, and radially arranged curved lines equal in number to the radial divisional lines extending from said radial lines to about the axis of the disk with designations on said lines corresponding to the designations of the phases of life indicated in the peripheral spaces of the disk, said disk also having radially arranged compositions between said lines, based on the phases of life designated on the respective lines; a rotatable transparent disk of less diameter than the first disk and superposed thereon, said transparent disk having radially arranged curved lines equal in number to the radial curved lines on the first disk but

curved in opposite directions and having the successive designations of the different phases of life indicated on the lines of the first disk; and each of said lines of each of the respective disks intersecting lines of the other disk for the purpose specified.

7. A fortune telling device comprising a rotatably supported disk having radially arranged curved lines designative of different phases of life; a transparent disk rotatably supported superposed on the first disk also having radially arranged curved lines designative of the different phases of life indicated on the first disk and to be read in connection therewith; and means to rotate one of said disks relative to the other for the purpose specified.

8. A fortune telling device comprising a rotatably supported disk having radially arranged curved lines designative of different phases of life; a transparent disk rotatably supported superposed on the first disk also having radially arranged curved lines designative of the different phases of life indicated on the first disk and to be read in connection therewith; means to rotate one of said disks, and means operative from the rotation of the one disk to rotate the other disk in an opposite direction for the purpose specified.

9. A fortune telling device comprising a rotatably supported disk; a transparent disk; a shaft to which the latter disk is fixed rotatably supported in the first disk; a knob fixed to the shaft to rotate said shaft and the connected disk; and a train of gearing to

operatively connect the respective disks to transmit rotary movement to the disks in opposite directions for the purpose specified.

10. A fortune telling device comprising a disk having radially arranged curved lines with designations of different phases of life and compositions based on such designations; a transparent disk of less diameter and superposed on the first disk also having radially arranged curved lines but curved in a direction opposite to the curvature of the lines of the first disk and having the same designations of different phases of life as on the first disk and to be read in connection with the designations of the different phases of life and the compositions based thereon on the first disk; and means to rotate one of said disks relative to the other for the purpose specified.

11. A fortune telling device comprising superposed disks, each disk having a plurality of radial curved lines arranged so that the respective lines on either disk will cross lines on the other disk, and each of the lines on the respective disks having a designation of a phase of life, and one disk having compositions thereon in the spaces between the respective lines based on the designations of the phases of life for the purpose specified.

In testimony whereof I affix my signature in presence of two witnesses.

CHARLES P. SHORE.

Witnesses:

AADNE S. STEEN,
GEO. A. HOFFMAN.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."