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TALLY DEVICE FOR ROULETTE

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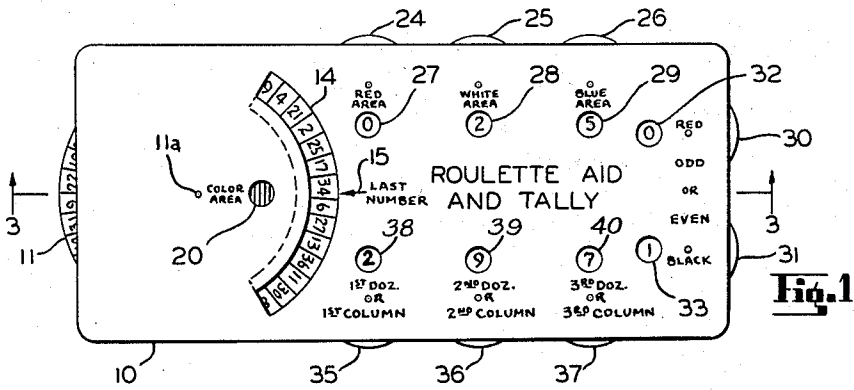


Fig. 1

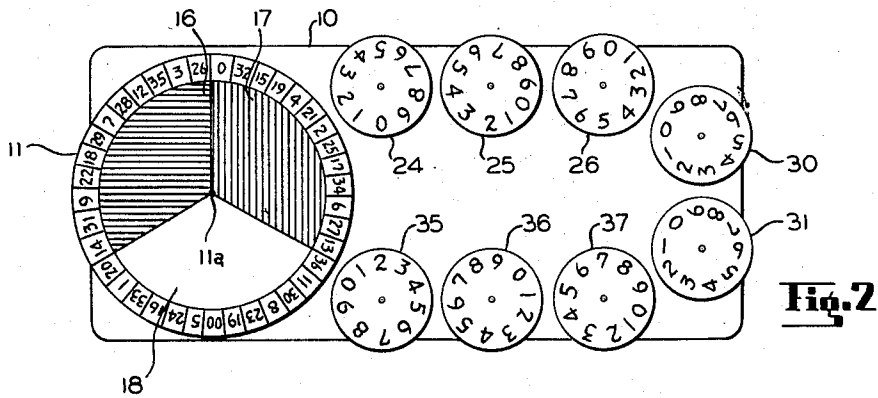


Fig. 2

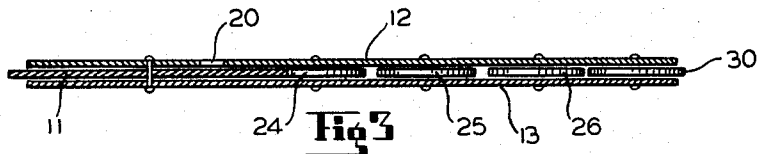


Fig. 3

RED				BLACK			
1 to 18	1 to 12	13 to 24	25 to 36	1 to 18	1 to 12	13 to 24	25 to 36
1	2	3	4	5	6	7	8
9	10	11	12	13	14	15	16
17	18	19	20	21	22	23	24
25	26	27	28	29	30	31	32
33	34	35	36	37	38	39	40
EVEN				ODD			
FIRST COLUMN				SECOND COLUMN			

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Fig. 4

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TALLY DEVICE FOR ROULETTE

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4 Claims. (Cl. 235—114)

This invention relates to improvements in recording or tallying devices for the game of roulette or the like.

As is well known, the game of roulette employs a rotating wheel bearing a series of non-repeating numbers about its periphery usually ranging from zero to thirty-six. The winning number for each spin of the wheel is determined when a ball lodges in a socket opposite one of the numbers. The several numbers or numerals on the wheel are not arranged in consecutive order around the periphery of the wheel but are dispersed in an irregular pattern or order which varies somewhat with so-called "American" and "foreign" type wheels.

It has been noted from time to time that certain numbers tend to come up more frequently than others during different periods of play, and also that the numbers on certain areas or "sides" of the wheel may tend to come up more than numbers on other areas or "sides" of the wheel. Some players, therefore, may wish to use this apparent variation in repetition of certain numbers or areas as a basis for predicting the performance of the wheel for subsequent plays.

A table layout is also employed in conjunction with the roulette wheel, on which the numbers on the wheel are arranged in certain rows, columns and areas, but with the numbers appearing in consecutive order, entirely different from the irregular order in which these numbers appear on the wheel itself.

Although some players may be able to keep track of predominant winning numbers as they are indicated by successive operations on the conventional table layout, it is extremely difficult, if not impossible, for a player to keep in mind the exact order of distribution of the numbers on the roulette wheel itself so as to keep track, for instance, of which areas or "sides" of the wheel may contain numbers which may temporarily appear to be winning more or less frequently on successive spins of the wheel. It is also difficult for a player to remember whether numbers are coming up more frequently in certain columns or areas on the table layout than in other columns or areas of the table layout during certain periods of play.

One of the principal objects of the present invention is to provide a recording or tallying device capable of manipulation by the player so that he may readily keep a running record of the area or "side" of the wheel in which certain winning numbers seem to be predominant during a series of plays, thus suggesting a basis for subsequent play of a predominating number or of certain numbers immediately adjacent such predominating number or numbers on the wheel.

A further object is to provide means for keeping a running record of winning numbers by reference to different columns or areas on the table layout.

Other objects and advantages of the invention will appear from time to time as the following description proceeds.

The invention may best be understood by reference to the accompanying drawings, in which:

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Figure 1 is a face view of the tallying device in accordance with my invention;

Figure 2 is a view similar to Figure 1 but wherein the cover of the device is removed to show the arrangement of the numerals on the dials, and especially the arrangement of the numerals and division of areas of the main dial corresponding to a roulette wheel;

Figure 3 is a section taken on line 3—3 of Figure 1;

Figure 4 is a view of a conventional table layout used in playing the game of roulette.

Referring now to the details of the embodiment of my invention shown in the drawings, 10 indicates generally the body of a tallying device having a main disc 11 rotatably mounted on a pivot pin 11a and having a series of numerals on its periphery arranged in an irregular order corresponding to the numerals on a standard roulette wheel. Said main disc is mounted between a cover plate 12 and a bottom plate 13 so that the main body of the disc is covered by the cover plate 12. The cover plate is provided with a curved slot 14 formed on an arc registering with the numerals on the periphery of the main disc 11, so that a plurality of adjacent numerals can be seen through the curved slot 14. In the preferred form shown herein, the curved slot 14 is of such circumferential length as to expose approximately one-third of the periphery of the disc 11, for reasons that will presently appear.

The periphery of the main disc 11 also projects slightly beyond the margin of the upper and lower plates 12 and 13 opposite the curved slot 14 in position to be engaged by the thumb or finger of the user so as to facilitate rotation of the disc when desired. A marker 15 is placed on the upper face of the top plate 12 at a point intermediate the ends of the arcuate slot, which marker may be labeled by any convenient wording to indicate the last winning numeral on the roulette wheel.

The body of disc 11 is divided into a plurality of segments, each having a characteristic marking or coloring to distinguish it from other segments of the wheel. In the form shown herein, the disc is arbitrarily divided into three segments 16, 17 and 18, each of which embraces approximately the same number of numerals on the periphery. In the form of disc shown herein, wherein both a zero and a double zero are used, in addition to thirty-six numerals, one segment 16 will contain a total of twelve numerals, while the other two segments 17 and 18 will each have a total of thirteen numerals including the zero or zero-zero characters. As will presently appear however, this slightly unequal division of numerals is not of importance for the purposes of the present invention. Moreover, the number of segments themselves can be varied, although in most instances it would be found desirable to divide the main disc into at least three, and perhaps not to exceed four or five, segments, each of a different characteristic marking or coloring.

In the illustrative form shown herein, it may be considered that the segment 16 is colored blue, the segment 17 is red, and the segment 18 is white. Also in the form shown, these different colors of the segment embracing a winning numeral may be observed through an aperture 20 formed in the cover plate 12 immediately opposite the marker 15.

In a variant form of tally device, the aperture 20 can be omitted and any winning numeral can be viewed by making the arcuate slot 14 slightly wider, as indicated in dotted lines in Figure 1, so as to open to view a portion of the colored segments 16, 17 or 18.

In either case, the user can readily note which area or "side" of the roulette wheel includes any given numeral by rotating the disc 11 so that same numeral is brought into registry with the marker 15 on the upper face of the device.

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As in conventional roulette wheels, each of the numerals appearing on the periphery of the disc 11 may also appear in a minor segment having the same color, either red or black, as these colors are used on the standard roulette wheel. The zero character (and also the zero-zero character when used) may appear in a minor green segment on the disc 11 corresponding to the color commonly used for these characters on conventional roulette wheels.

In conjunction with the main disc 11, the tally device is also provided with a series of separate smaller discs to keep running tallies of any one or more types of play during a predetermined sequence of spins of the wheel. For instance, in the form shown herein, a series of tally discs is provided along one edge of the device. As shown herein, this series consists of three discs 24, 25 and 26 along the upper edge, each bearing numerals from zero to nine, adapted for selective registry in apertures 27, 28 and 29, respectively. In this case, the last-named apertures are designated "red area," "blue area," and "white area," so as to register the number of times that winning numbers on the roulette wheel come up in each of the segments 16, 17 and 18 of the main disc 11 having a corresponding color.

Another series of tally discs 30 and 31 are provided at the end of the device opposite the main disc 11 for recording the numbers of times that black or red turn up on the roulette wheel. Apertures 32 and 33 are provided in the top plate 12 in position for selective registry by one of the numerals on the discs 30 and 31. These apertures are designated by the words, "red," and "black," respectively. They can also be used to register "odd" or "even."

As in the case of the main disc 11, the smaller discs 24, 25 and 26 have their peripheries projecting slightly beyond the edges of the upper and lower cover plates 12 and 13 in position to be manipulated or turned by the fingers.

Still another series of small tally discs 35, 36 and 37 are provided along the bottom edge of the device. In this case, three such discs are employed with apertures 38, 39 and 40 respectively, which apertures are designated "first dozen or first column," "second dozen or second column," and "third dozen or third column," respectively. In this case, the user may employ this third set of small recording discs at his option to indicate either the number of times that a winning numeral appears in the first, second or third column of the table layout 45, or whether the winning numeral appears among the first dozen (one to twelve), the second dozen (thirteen to twenty-four), or the third dozen (twenty-five to thirty-six).

From the above description, it will be observed that one of the principal features of novelty of the present invention resides in the provision of the main disc or dial 11 having the same numerals appearing in the same irregular order as the corresponding numerals on the standard roulette wheel and with the disc divided arbitrarily into a plurality, preferably three, or perhaps five, of major segments, which segments include approximately the same number of numerals. Also the numerals may appear in minor segments colored either red, black or green corresponding to the coloring on the standard roulette wheel. For convenience in illustration, the indication of color of the minor segments, in which the numbers appear on the main disc in Figure 2, is omitted, although it will be observed that the corresponding color for each numeral on the roulette wheel is indicated on the table layout 45 of Figure 4.

The use and operation of the device is as follows:

In order to keep a tally of performance of a roulette

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wheel in play, the user turns the main disc 11 to the winning numeral as soon as that numeral appears on the roulette wheel which he is watching. If he is interested in the area or "side" of the wheel in which this winning numeral occurs on the roulette wheel, he notes the color of the area or segment in which that same numeral appears on the disc 11 of his tally device, and enters a corresponding tally immediately by one of the small discs 24, 25 or 26, as the case may be. If he wishes to keep a record of the number of times that black or red comes up in consecutive plays, he makes the corresponding record by employing the small recording discs 30 or 31 at the opposite end of his device. Similarly, should he be interested in keeping a record as to whether the winning numerals occur either in certain columns or in the first, second or third dozen of the table layout, he can keep the proper tally with the third set of small recording discs 35, 36 and 37.

Although I have shown and described certain embodiments of my invention, it will be understood that I do not wish to be limited to the exact construction shown and described, but that various changes and modifications may be made without departing from the spirit and scope of the invention as defined in the appended claims.

I claim:

1. In a device for recording the performance of a roulette wheel in play, comprising in combination, a body, a main disc rotatably supported on said body for manual adjustment, said main disc having a plurality of circumferentially arranged numerals disposed in the same irregular order as the corresponding numerals on a roulette wheel, said main disc also being divided into a plurality of major segments having different visual characteristics and each embracing approximately the same number of said circumferentially arranged numerals within their respective limits, a marker means on the face of said body adjacent the periphery of said main disc to indicate the last winning numeral on a roulette wheel and the segment thereof in which the winning numeral is located, and a plurality of individual manually adjustable tally members on said body, of the same number as the major segments on said main disc, for registering individually the number of times winning numerals on the main disc are included within the respective major segments appearing on the main disc during a series of plays on a roulette wheel.

2. A device in accordance with claim 1, wherein the main disc is divided into not less than three, or more than five major segments.

3. A device in accordance with claim 1, wherein the body includes a cover over the main disc, and said cover has an arcuate slot registering with the circumferentially arranged numerals on said disc, the slot being of such length to permit view of a substantial number of adjacent numerals occurring on both sides of a winning numeral when the main disc is turned to register with the marker on the body to indicate such winning numeral.

4. A device in accordance with claim 1, wherein the individual manually adjustable tally members comprise a series of auxiliary discs rotatably mounted on the body for individual manual adjustment, and having numbers numerically arranged about their peripheries.

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