Sept. 27, 1927. 1,643,290

G. R. ANDERSON

RADIO DEVICE

Filed Nov. 22, 1924

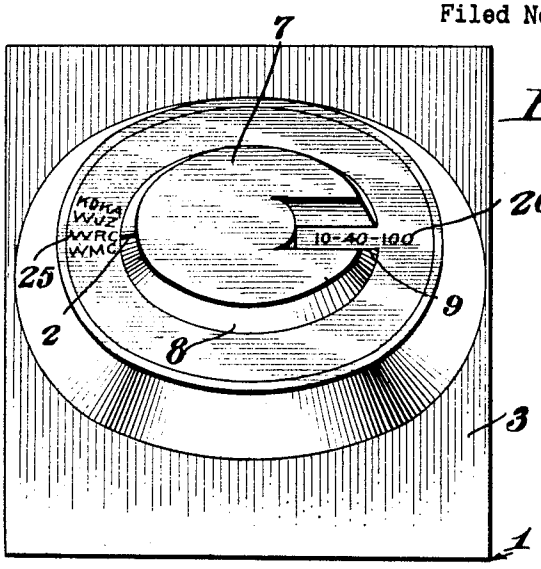


Fig. 1.

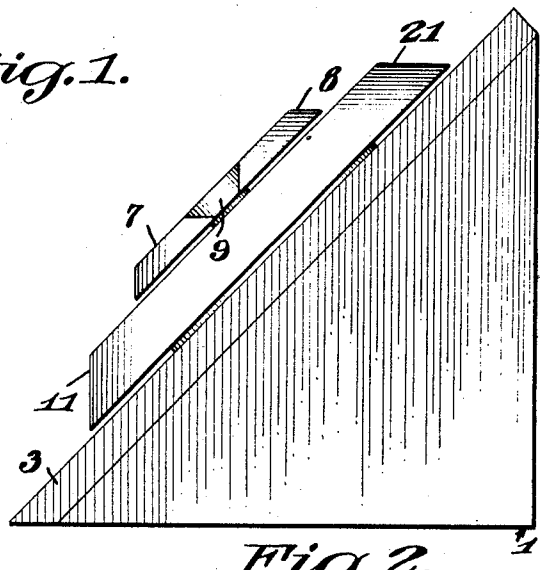


Fig. 2.

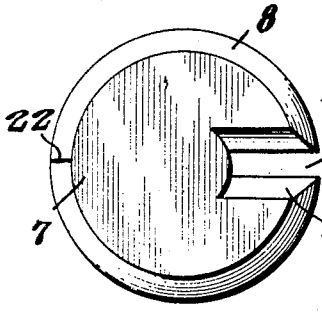


Fig. 4.

Fig. 3.

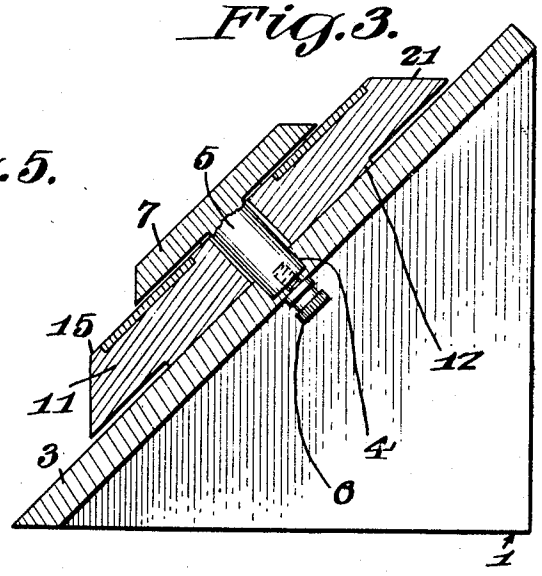


Fig. 5.

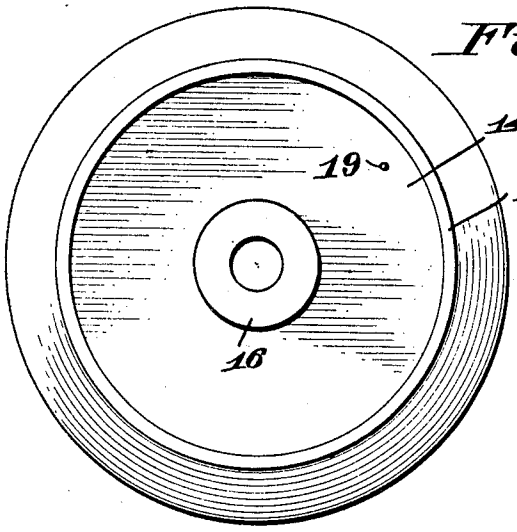
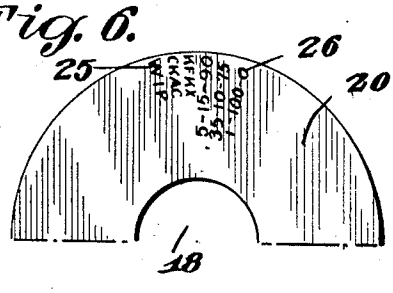


Fig. 6.



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Patented Sept. 27, 1927. 1,643,290

UNITED STATES PATENT OFFICE.

GEORGE R. ANDERSON, OF ROCKFORD, ILLINOIS.

RADIO DEVICE.

Application filed November 22, 1924. Serial No. 751,636.

This invention aims to provide novel means for logging radio stations, meaning thereby the provision of novel means for recording and preserving data relative to the stations.

It is within the province of the disclosure to improve generally and to enhance the utility of devices of that sort to which the invention appertains.

Although a preferred form of the invention has been shown, it will be understood that a mechanic, working within the scope of what is claimed, may make changes and alterations, without departing from the spirit of the invention.

In the accompanying drawings:—

Figure 1 shows in elevation, a device constructed in accordance with the invention; Figure 2 is an elevation wherein the structure is shown sidewise; Figure 3 is a vertical transverse section; Figure 4 is a plan showing the head of the shaft; Figure 5 is a plan showing the rotor; and Figure 6 is a fragmental plan showing a portion of the chart.

In carrying out the invention, there is provided a support 1, which may be constructed in any desired manner. As shown, the support 1 embodies triangular side pieces 2 carrying a rearwardly inclined table 3 At about its geometrical center, the table 3 is supplied with a seat 4, extended but part way through the table from the front toward the back. One end of a shaft 5 is received in the seat 4, the shaft being held in the seat by a thumb screw 6, the shank of which passes through the table 3 and engages the inner end of the shaft 5. At its forward end, the shaft 5 carries a head 7 having a beveled periphery 8, and being provided with a substantially radial opening, preferably in the form of a notch 9 fashioned in the edge of the head, the notch being beveled at its sides, as shown at 10.

A rotor 11 is journaled on the shaft 5, between the head 7 and the table 3. On its rear surface, the rotor 11 has a hub 12 which spaces the rotor from the table 3. On its forward surface, the rotor 11 is supplied with an annular recess 14, defining a flange 15 and a central hub 16. An annular chart 17 is located in the recess 14 of the rotor 11, the chart having a central opening 18 receiving the hub 6 of the rotor, the chart fitting within the flange 15. In order to prevent the chart 17 from turning independently of the rotor 11, the rotor is supplied with forwardly extendsd pins 19 adapted to be received in openings 20 in the chart. The edge of the rotor 11 is beveled as shown at 21. The head 7 of the shaft 5 has, on its beveled periphery 8, an index 22 located diametrically opposite to the notch or opening 9.

In practical operation, the call letters for any station are marked on the chart 17, as shown at 25, opposite to the index 22, and any desired data relative to the specified station is inscribed as indicated at 26, on the chart 17, through the notch 9 in the head 7. The rotor 11 may be turned on the shaft 5, the rotor carrying with it, the chart 17, a fresh portion of the chart being presented at the notch 9, and the operation being repeated until the entire surface of the chart is covered with the call letters of stations, and with data relating to those stations.

Having thus described the invention, what is claimed is;—

In a device for logging radio stations, a table, a shaft, means for mounting the shaft removably on the table, a rotor journaled on the shaft, pins projecting from the rotor, a chart removably mounted on the rotor and having openings receiving the pins, the pins and the openings constituting interengaging elements on the chart and on the rotor which coact to hold the chart detachably on the rotor to turn therewith, a fixed head on the shaft, the head overhanging the rotor to retain the rotor on the shaft, and overhanging the chart to hold said interengaging elements interengaged, the head having an opening through which different parts of the chart are exposed, when the rotor and the chart are rotated together, the opening in the head being elongated, and means for supporting the table in an upwardly and rearwardly inclined position with respect to an observer, and with the longest dimension of the opening in the head in a substantially horizontal position, thereby to facilitate the reading of that portion of the indicia on the chart which is exposed through the opening in the head.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature.

GEORGE R. ANDERSON.