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RADIO LOG AND PROGRAM DEVICE

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Fig. 1.

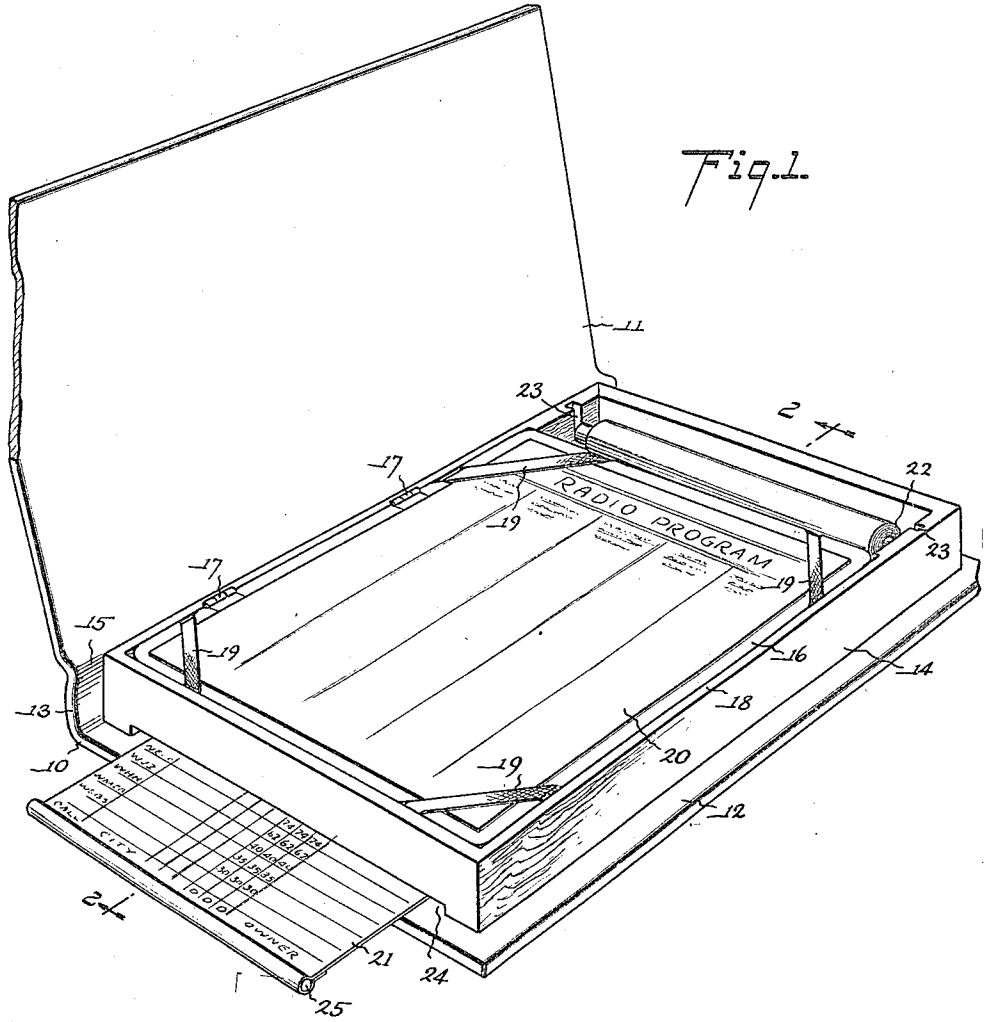
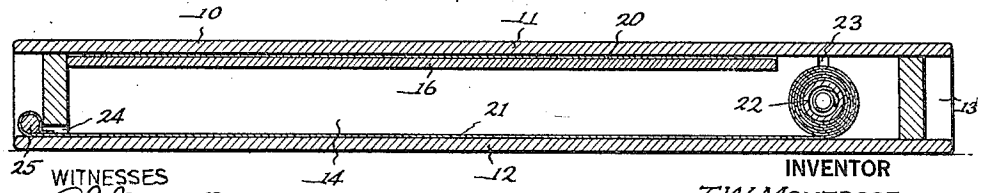


Fig. 2.



WITNESSES

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UNITED STATES PATENT OFFICE.

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RADIO LOG AND PROGRAM DEVICE.

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This invention relates to the class of devices for associating a log or record and sheets containing programs of different activities.

The principal object of the present invention is the provision of a device in which a record or log, such as a record or log of radio stations, their locations, wave lengths and owners contained on one strip or sheet will be associated with a program such as the daily broadcast features on another sheet so that a person may conveniently and expeditiously ascertain information how to dial a radio set to bring in a particular feature of a program being broadcast from a particular station.

The nature of the invention and its distinguishing features and advantages will appear when the following specification is read in connection with the accompanying drawing, in which—

Figure 1 is a perspective view of the device, the case being open, and illustrating the manner in which a program sheet is held, and the manner in which the log strip or sheet may be exhibited; and

Figure 2 is a sectional view taken on the line 2—2 of Figure 1, the case being shown closed.

Referring now more particularly to the views of the drawing, it will be apparent that the device of the present invention includes a case 10 which is in the form of a book. The said case 10 comprises covers 11 and 12, a back 13 between opposed portions of the covers 11 and 12, and a frame 14 secured to the cover 12. The cover 11 is movable by virtue of a hinged connection 15 with respect to the frame 14 to cover and uncover the same. A leaf 16 is hingedly connected as at 17 with the side of the frame 14 adjacent the back 13. The free edge of the leaf 16 is movable into a recess 18 in the side of the frame 14 adjacent that with which the leaf 16 is hingedly connected.

In order to retain one or more sheets having a program consisting of the daily broadcast features, for instance, there is provided means adapted to engage portions or such sheet or sheets. In the present instance the said means consist of elastic members 19 secured respectively to the corners of the leaf 16. Thus provision is made for engaging the corners of a sheet, such as the one designated at 20, having the program aforesaid. The sheet 20 will be one cut from a page of a daily newspaper which makes a practice of printing these programs. In order that a record or log may be kept of the radio stations, their locations, wave lengths, and owners, there is provided a strip or sheet 21. The said information may be inscribed on the sheet 21 which is properly lined and indexed for that purpose. One end of the sheet 21 is secured to a roller 22 which will be of the spring actuated type. The said roller 22 is mounted for rotation on the frame 14 and is arranged at one end thereof. The roller 22 may be mounted in any suitable manner, and in the present instance the trunnions respectively at the opposite ends thereof are disposed in recesses 23 in portions of the frame 14. The sheet 21 is extended through an end wall of the frame 14 by virtue of an opening 24 formed between the end wall of the frame 14 and the cover 12. The free end of the sheet 21 has a stop member 25 secured thereto which prevents the sheet 21 from being moved beyond a certain point, when the roller 22 operates to rewind the sheet. This is so because the stop member 25 will engage the end member of the frame 14 having the opening 24, as shown most clearly in Figure 2.

From the foregoing it will be apparent that the device serves for associating program sheets and a record or log sheet so that a person may readily select desired information for carrying out radio-receiving operations. By throwing back the cover 11 the program sheet 20 will be fully exposed. Any particular feature of a program being broadcast by a particular station may be selected. The wave length of a particular station may be quickly ascertained by gripping the stop member 25 and pulling out on the same to withdraw any desired portion of the sheet 21 on which the record or log is kept. By releasing the pulling force on the stop member the roller 22 automatically operates to rewind the sheet 21 to the extent of its movement, limited only by the stop member 25, as will be understood. When the cover 11 is in a closed position over the frame 14, the sheets 20 and 21 will be housed and be protected and will always be conveniently accessible. The means or elastic members 19 on the leaf 16 serve for removably holding the program sheets which will be changed from day to day. It will therefore be understood that provision is made

for quickly inserting new sheets 20 and for removing old ones.

I claim:

1. A device comprising a case, a hinged leaf within said case, sheet-retaining means on said leaf, a log-sheet, a roller arranged in said case, said log-sheet having one end connected with and normally wound on said roller, and the opposite end of said sheet extending through a wall of said case to provide a free end, the free end of said sheet adapted to be gripped to unwind the log sheet to present any desired portion of said log-sheet exteriorly of the case, and means connected with the roller adapted to rotate the roller to rewind the log-sheet thereon.

2. A device comprising a case, a hinged leaf within said case, sheet-retaining means on said leaf, a log-sheet, a roller arranged in said case, said log-sheet having one end connected with and normally wound on said roller, and the opposite end of said sheet extending through a wall of said case to provide a free end, the free end of said log-sheet having a stop member to limit the movement of said log-sheet in one direction, and said free end of the log-sheet adapted to be gripped to unwind the log sheet to present any desired portion of the log-sheet exteriorly of the case, and means connected with the roller adapted for rotating the roller to rewind the log-sheet thereon.

3. A device comprising a case, including a frame, and a cover movable over and away from said frame, a leaf hingedly connected with said frame, sheet-retaining means on said leaf, a spring roller rotatably mounted at one end of said frame, a log-sheet, one end of said log-sheet connected at one end with and normally wound on said roller, the opposite end of said log-sheet extending through a portion of said frame to provide a free end, and a stop member connected with the free end of said log-sheet, as and for the purpose specified.

THOMAS W. MONTROSE.