April 1, 1958 L. J. SMITH 2,828,713

PROGRAM REMINDER

Filed Jan. 27, 1956

FIG. 1.

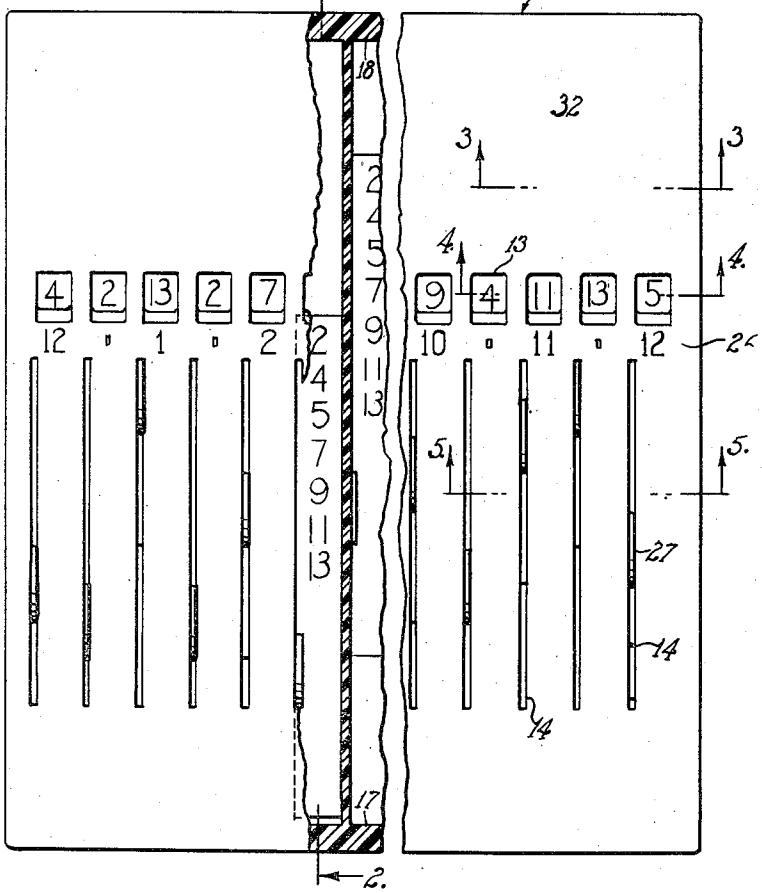



FIG. 2.

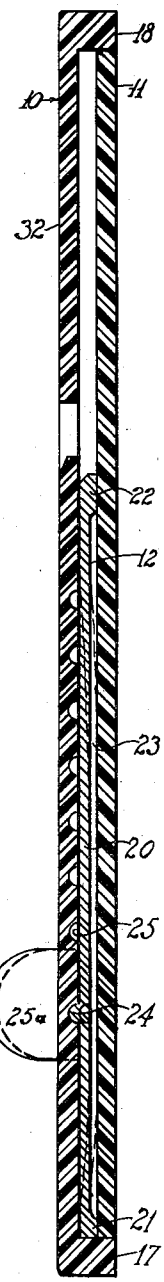



FIG. 3.

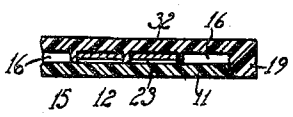



FIG. 4.

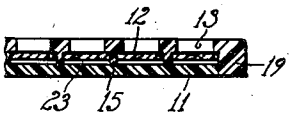
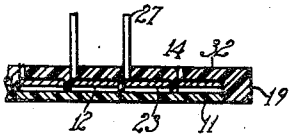



FIG. 5.




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# PROGRAM REMINDER

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7 Claims. (Cl. 116—135)

This invention relates to program reminder devices and has as its general object to provide a device whereupon a series of television programs or radio programs (or the like) can be indicated in advance for various hours of the day, so that a patron of such broadcast program can have before him an index to the various programs that he has selected from the information (such as advance newspaper publications of programs to be broadcast).

Another object of the invention is to provide such a reminder device which can be fabricated readily in quantity by quickly assembling a series of molded plastic parts.

A specific object is to provide such a reminder apparatus which is quite durable and relatively inexpensive, and which can be readily set for any day's series of programs.

Other objects will become apparent in the ensuing specifications and appended drawing in which:

Fig. 1 is a fragmentary plan view, with portions broken away as shown, of a reminder embodying the invention;

Fig. 2 is a longitudinal sectional view of the same taken on the line 2—2 of Fig. 1;

Fig. 3 is a transverse split fragmentary sectional view thereof taken on the line 3—3 of Fig. 1;

Fig. 4 is a transverse fragmentary sectional view of a portion of the device taken on the line 4—4 of Fig. 1; and

Fig. 5 is a transverse fragmentary sectional view of still another portion of the device, taken on the line 5—5 of Fig. 1.

Referring now to the drawing in detail, I have shown as an example of one form in which the invention may be embodied, a program reminder device comprising, in general, a casing member **10**, a bottom panel **11** and a series of slides **12** which are confined between the casing member **10** and panel **11** for longitudinal sliding movements.

Casing member **10** provides the main body of a casing the lower side of which is closed by bottom panel **11**. Casing member **10** is preferably molded of synthetic resin material (either thermo-setting or thermo-plastic resin, relatively unplasticized so as to be rigid and form-retaining may be employed). Casing member **10** includes top panel **32** which has therein a transverse row of display apertures (windows) **13**, and, below the windows **13**, a corresponding series of narrow slots **14** each extending fore and aft in substantial alignment with one lateral margin of a corresponding aperture **13**, the series as a whole being arranged transversely of the panel **32** in a row paralleling and beneath the row of apertures **13**.

Formed integrally with the lower side of panel **32** and projecting downwardly, are a series of guide ribs **15**, each extending along one margin of a corresponding slot **14**, the ribs **15** being parallel to one another and defining between them a corresponding series of slideways **16**. The lower edges of ribs **15** abut against the bottom panel **11**, whereby the slideways **16** are of closed, relatively shallow rectangular cross section, as shown in Fig. 3. The ribs **15** extend from the front to the rear margins of the casing member **10** and are joined to front and rear rim sections **17** and **18** respectively, integrally molded with panel **12**. Slideways **16** likewise extend the full distance between rim sections **17** and **18**. Side rim members **19** continue the rim of the casing member **10** around the entire periphery thereof.



Slidably mounted in slideways **16** are the slides **12**, each of which embodies a relatively thin web section **20** and thickened land sections **21** and **22** at the respective forward and rear extremities thereof. Land sections **21** and **22** bear against the bottom panel **11** to maintain the upper face of each slide **20** normally in contact with the under face of top panel **32**. However, the slide members are of moderately flexible material (e. g. slightly plasticized thermo-plastic resin material) and are adapted to flex downwardly toward bottom panel **11** in the limited space **23** normally existing between the under face of a slide **12** and the panel **11**. Each slide **12** is provided on its upper face with a detent projection **24** which is receivable in any one of a series of detent recesses **25** in the under face of top panel **12**. For each slide there is a row of the recesses **25** disposed along the axis of the respective slideways **23**. Each recess determines a position of the slide **12** wherein an indicator legend imprinted on the upper face of the slide, is centered beneath the respective window **13** for that slide. There are a series of such indicator legends, such as the numerals 2, 4, 5, 7, 9, 11 and 13 shown in Fig. 1, the same series of legends being imprinted on each of the slides. Such legends may indicate broadcasting stations or channels, or any other subject or things to be indicated. In each row of recesses **25** there is a recess for each of the indicator legends and a recess **25***a* corresponding to a position of the slide in which there is no indicia displayed in the corresponding window **13**.

Imprinted on the upper face of top panel **12** is a row **26** of indicia representing the hours of a day, i. e., comprising the numerals 1 to 12 inclusive, disposed beneath alternate windows **13**, the intervening windows representing half hours.

It will now be apparent that in the use of the device, a television or radio fan, by referring to his daily newspaper, may determine the channel or station numbers for the various programs of his preference, for each half hour of the day, and may set up on the apparatus, the information that he has thus obtained. For example, assuming that a program beginning at 12:00 noon is to be broadcast over the television channel No. 4, the first slide may be adjusted to a position to bring its station indicator numeral 4 beneath the corresponding window **13** as indicated in Fig. 1. Similarly, the numeral 2 may be set up in the window of the second position, representing the 12:30 program, the numeral 13 may be set up in the window of the third position, representing the 1:00 p. m. program, etc.

Each slide **12** is provided with an actuator tab **27** formed integrally therewith and projecting at right angles from one side margin thereof, the said one side margin being disposed in the plane of the outer face of the respective tab **27**. Correspondingly, each of the slots **14** communicates with one side margin of a respective slideway **16**, its outer edge lying in the plane of the adjacent side face of a rib **15** defining that side of the slideway, as indicated in Fig. 5. In the assembled apparatus, the tab **27** of a slide **12** projects through the slot **14** which communicates with the slideway **16** in which it is mounted. Each tab **27** has a snug though freely slidable fit in its respective slot **14** and thus assists in aligning the slide for sliding movement along the axis of its respective slideway. Each tab **27** is disposed closely adjacent a respective detent projection **24** so that pressure against the tab may bow the respective slide **12** downwardly away from

top panel 32, with maximum depression occurring at the position of the respective detent projection 24.

In setting the slides, the operator presses downwardly on tab 27 of the slide that is to be set, thus releasing the detent projection 24 of that slide from the recess 25 in which it is engaged. The pressure against the tab 27 is then directed parallel to the longitudinal axis of the slide, so as to shift the slide in its respective slideway 16 until the selected indicator numeral 2 or 4 or 5, etc., appears in the respective window 13. The downward pressure on the tab 27 is then released and the detent projection 24 is allowed to enter the recess 25 for the new position, thus locking the slide in its adjusted position.

I claim:

1. In a program reminder device: a casing including spaced top and bottom panels, said top panel having a row of exhibitor windows and a series of slots extending at right angles to the axis of said row and each substantially aligned with one side of a respective window; and a plurality of slides interposed between said panels, each slide having an upper face provided with a series of program identifying indicia to be displayed through a respective window and each slide including an integral tab attached to a side margin thereof and thickened integral end portions providing lands projecting downwardly from its underface at its respective ends and slidably bearing on the upper face of said bottom panel, a flexible central body bridging between said lands and spaced above said bottom panel, and a detent projection on its upper face; and wherein said top panel has for each slide a series of recesses in which said detent is receivable in order to latch the slide in any selecting exhibiting position; said flexible central body being adapted to bow downwardly to provide for release of said detent projection from a recess.

2. A reminder device as defined in claim 1, wherein each of said slides includes a tab formed integrally therewith and projecting upwardly through a respective slot,



for manual engagement to move a respective slide longitudinally beneath its respective window for displaying any selected one of said indicia.

3. A reminder device as defined in claim 2, wherein said detent projection is disposed alongside the tab of its respective slide, whereby downward pressure on a tab is effective to bow the respective slide downwardly with maximum depression at the location of the detent projection.

4. A reminder device as defined in claim 3, wherein said top panel is formed with a series of integral ribs projecting downwardly from its under face and seated against said bottom panel to define, in the space between said panels, a series of slideways in which said slides are guided.

5. A reminder device as defined in claim 4, wherein said top panel includes an integral rim extending continuously around its perimeter, said bottom panel being fitted within said rim and secured to said ribs.

6. A reminder device as defined in claim 1, wherein said top panel has a plurality of integral ribs projecting from its inner surface alongside respective slots and defining between them, slideways in which said slides are guided.

7. A reminder device as defined in claim 1, wherein said lands project to an extent corresponding to the height of a detent projection, whereby the space between said flexible central body and the bottom panel is just adequate to allow a detent to clear the top panel when released from a recess.

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