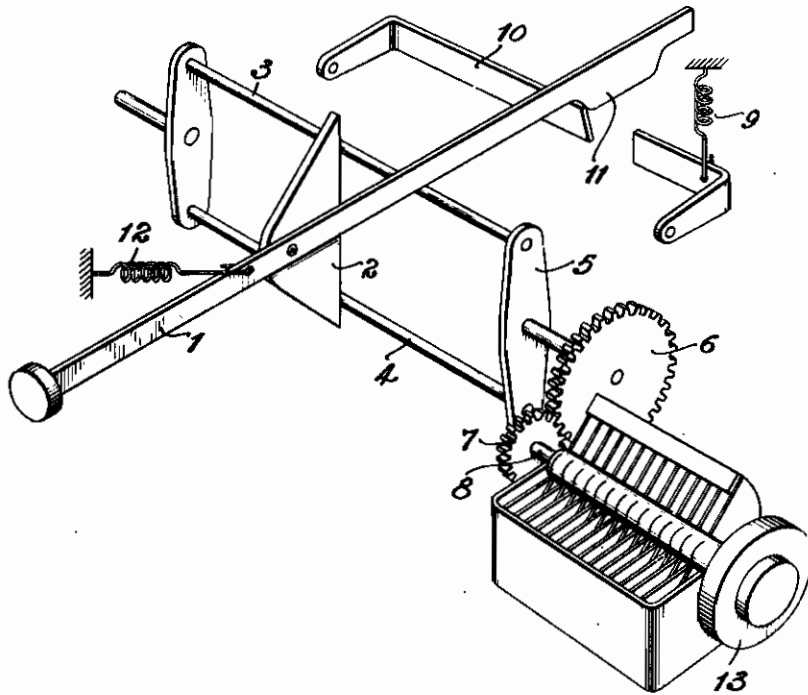


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BROADCAST RECEIVER APPARATUS FOR  
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# ALIEN PROPERTY CUSTODIAN

## BROADCAST RECEIVER APPARATUS FOR AUTOMATIC PRESS BUTTON TUNING

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Broadcast receiver sets with press-button (automatic) tuning are often furnished with a distinct release button or an equivalent device by the agency of which on changing from press-button tuning to normal tuning by means of a continuously revoluble knob control, the keyboard or the bank of press or push buttons is rendered inoperative. In the conventional type of keyboard, as will be remembered, the press button stays immobile or locked and is allowed to return to its inoperative position only when another press button is actuated. Thus, if a change is to be made from press-button tuning to the continuous tuning by knob, it is either necessary to operate a distinct release button which causes the depressed button to return to its inactive position or else the keyboard for automatic tuning must be rendered inoperative by some other ways and means. However, such additional accessory device as well as the provision of a release key involves the drawback that the operation of broadcast receivers with press-button tuning control mechanism is made more complicated, not to mention the fact that such devices involve additional cost. Now, these drawbacks are obviated by the invention. In broadcast receivers as here disclosed the press button or key last set and operated is released from its locked and depressed position in a simple way by turning the rotary knob connected with the tuning means and serving for continuous tuning. When setting the rotary condenser by the aid of the tuning knob the arresting or locking of the press button bank is automatically and positively released or tripped. To this end, for arresting the press buttons, a slide-like arrester device may be provided which is so designed that when setting the tuning means by the continuously operating adjusting device the press buttons are unlocked.

An exemplified embodiment of the invention is shown by way of example in the appended drawing. Only one of the press buttons is here

shown of the whole bank normally provided. The press rod 1 which is connected with the button or key is fitted with a striker piece, as indicated at 2. When the press rod 1 is depressed, the said striker piece 2 comes to bear against the rods 3 and 4 of the rocker 5. Through the intermediary of the said rocker 5 and of the tooth-wheels 6 and 7 the rotary condenser shaft 8 or other shaft serving to move the tuning means is set. After the rocker 5 has been thus operated the press bar occupies its lowermost position. In this position the press bar 1 is arrested and locked by the aid of an arrester device consisting of a slide. The slide 10 by the traction of a spring 9 is pressed firmly against the press bar 1. For arresting the press bar is fitted with a catch 11. For returning the press bar 1 serves a spring 12 which is so proportioned that its retractile force just suffices to return the press bar if and when liberated by the slide. The pressure of the slide 10 against the press bar 1 due to spring traction by the spring 9 is so proportioned that by the pull of the spring 12 the slide 10 can not be moved by the catch 11. If, then, by actuation of the rotary knob 13 or some other rotary knob connected with the tuning means by way of a transmission gear, cable or the like drive the rotary condenser shaft 8 is moved, then, through the intermediary of the tooth-wheels 7 and 6 also the rocker 5 and therewith the rods 3 and 4 are turned. By these rods 3 and 4 pressure is brought to act upon the striker 2 which will be exerted according to the direction of rotation upon the lower or the upper part of the striker. The pressure which is exerted upon the striker piece 2 becomes added to the traction power of the spring 12. This pull will suffice to depress the slide 10 by the catch 11, with the result that the press bar 1 is able to fly back into its starting position.

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