Feb. 14, 1956 J. A. AUSTIN 2,734,951

ROVING HOLDER FOR A JUKE BOX SELECTOR

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FIG. 1

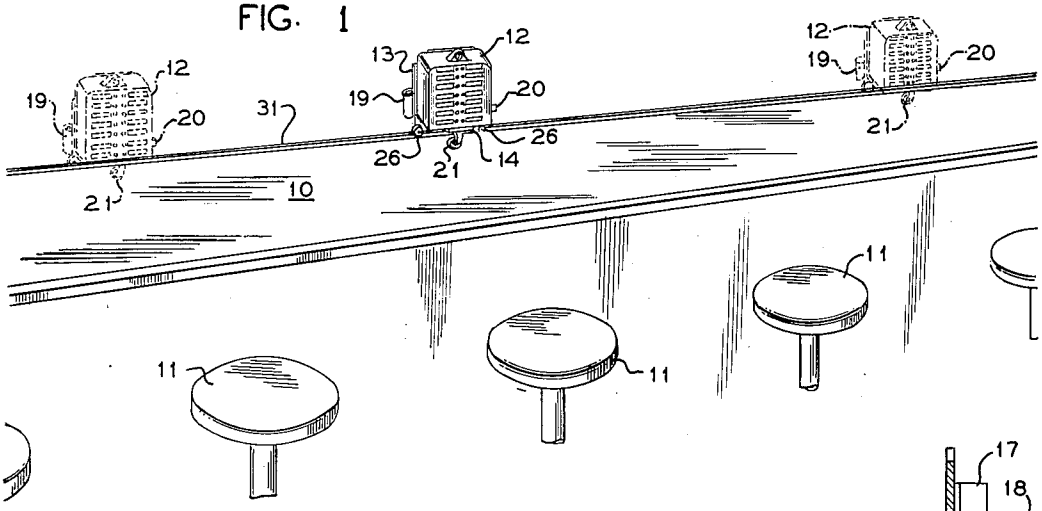


FIG. 2

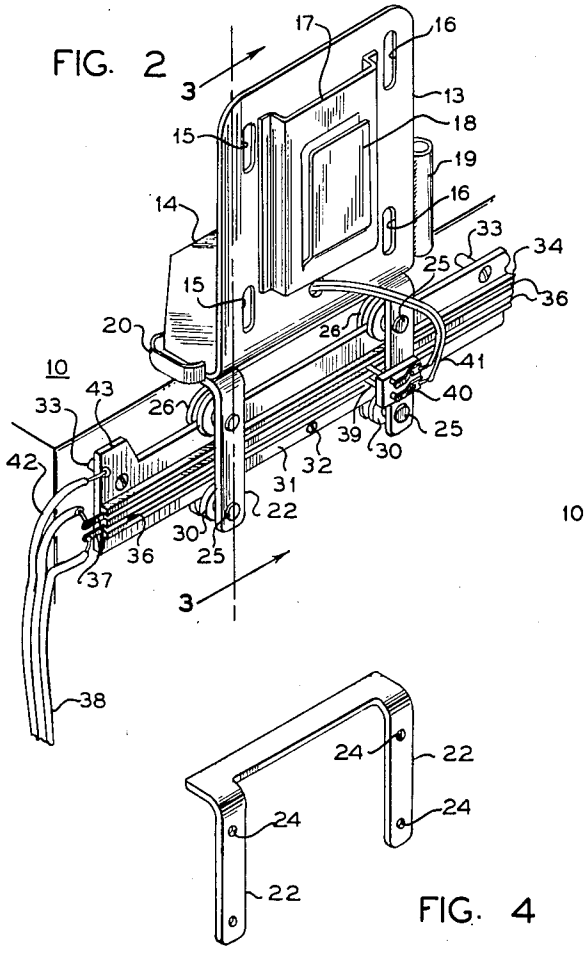


FIG. 3

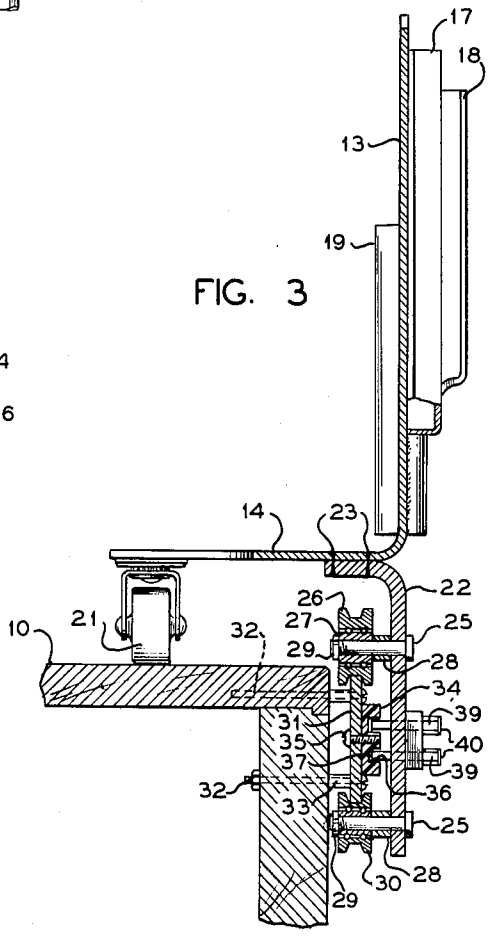


FIG. 4

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ROVING HOLDER FOR A JUKE BOX SELECTOR

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3 Claims. (Cl. 191—22)

This invention relates to remote control devices and more particularly to coin controlled record players known as juke boxes or the like used to provide inexpensive entertainment in taverns and other places of business or centers of amusement.

Wall boxes or selectors in which coins are deposited and selections are made of music desired are located in spaced relation to the record players along a counter or bar, at which people sit or stand during the consumption of food and drink or for conversing and other purposes.

In places where food and drink are served these stationary wall boxes or selectors are arranged in spaced locations including along counters and the use of these is not completely satisfactory for the reason that access to them often is obstructed, sometimes by persons who have no interest in them or in the purpose for which they are installed.

Further, ordinary selectors are expensive and when a large number of them are used a very substantial investment is involved, it being almost impossible to place the selectors along counters or bars so that they will always be most convenient to the customer.

It is an object of the invention to provide a roving holder for a juke box selector which may be located beside and readily moved along a counter or bar and disposed at any desired location or position for ready and convenient access to a customer or successively to one customer after another with maximum convenience and minimum expense.

Another object of the invention is to provide a suitable electric connection between a roving holder or mounting for a reciprocable wall box or selector so that electrical energy may be supplied thereto at all times and at the same time minimum obstruction afforded to the use of the counter or bar.

Further objects and advantages of the invention will be apparent from the following description taken in conjunction with the accompanying drawings, wherein:

Fig. 1 is a perspective illustrating one application of the invention,

Fig. 2 is a fragmentary detail perspective of the holder and its mounting per se,

Fig. 3 is a fragmentary detail section on the line 3—3 of Fig. 2, and

Fig. 4 is a detail perspective of the mounting bracket for the selector.

Briefly stated, the invention comprises a holder or mounting for a juke box selector or wall box in which coins are deposited for causing operation of a device at a distance as, for example, the playing of a phonograph record or the like. The holder is reciprocable on a track which may be attached to the rear edge of a counter and in which conductors are carried which are engaged by spring fingers having connections to the selector with the conductors having connections with the juke box and a source of electrical energy. The holder is intended not only to carry the wall box or selector but is intended also to carry accessories in connection with the particular

business with which the structure is employed as, for example, in a restaurant it wouud carry menus, napkins and condiments.

With reference to the drawings, a counter or bar **10** is provided from which customers are adapted to be accommodated, stools **11** being located in front of the counter on which the customers may sit if they desire. The present invention provides supporting means for a juke box selector **12** in a manner to permit the selector to be selectively positioned along the counter at any desired location. In order to accomplish this result, a mounting bracket is provided of L-shaped construction having an upright portion **13** and a horizontal portion **14**. The upright portion is provided with opposed mounting slots **15** and **16** for the reception of fasteners (not shown) attached to the selector, the length and width of such slots permitting slight adjustment of the selector. This upright portion of the bracket may also serve as a mounting or support for appropriate accessories and for this purpose a socket-providing plate **17** is electrically welded or otherwise secured to the back of the upright portion **13** and from this plate a tongue **18** is struck out. Behind the plate **17** menus or other articles may be disposed and the tongue may be employed for holding napkins or the like.

Accessory holders may be attached to other portions of the bracket in any desired manner or position. For example, the tube **19** may be employed for holding straws or other items while on the opposite end of the bracket a retainer **20** for salt, pepper, condiment or the like may be attached.

The L-shaped bracket which is attached directly to the selector is supported at the rear of its horizontal portion by roller **21** of a non-surface-marring character such as a type of plastic and rests upon the upper surface of the counter **10**.

The forward portion of the selector-carrying bracket is supported by a bracket **22** comprised of parallel arms and a connecting portion, the connecting portion being joined by welds or fasteners **23** to the selector bracket. The bracket **22** is provided with openings **24** in which are mounted pins **25**, on which are disposed pulleys **26** carried on bearings **27** pressed against spacing collars **28** by means of nuts **29**. One pulley **26** is carried by each of the legs of the bracket **22** near the upper or connecting portion of the bracket and in like manner a pair of corresponding pulleys **30** are carried on the legs of the bracket **22** and between the two sets of pulleys is formed a raceway. The pulleys are received on a mounting strip **31** secured by bolts **32** to the upright portion of the counter **10**, the strip **32** being maintained in slightly spaced relation to the counter by means of spacing sleeves **33**. The selector is supported in the manner described to permit it to be readily moved along the rear edge of the counter and due to the space between the rear edge of the counter and the strip **31** crumbs of bread or the like can be fully brushed rearwardly from the counter.

In order to provide electrical connection between the selector and the phonograph or juke box, a conductor holding strip **34** of insulating characteristics is attached by screws **35** to the mounting strip **31**, the conductor holding strip being provided with a pair of longitudinal grooves **36** in which are located flat conductors **37**. These flat conductors are connected by wires **38** with the player mechanism of the phonograph. A pair of contacts **39** engage the flat conductor strips **37**, such contacts **39** being maintained against the flat conductors **37** by means of spring fingers **40** connected by wires **41** with the selector in order to permit the transmission of selections in the playing of music on records. The strip **31** is provided with an upstanding stop **43** at each end of the same and is preferably grounded through a wire **42**.

It will be apparent from the foregoing that by the

present invention simple mechanism is provided for the mounting of the selector of a coin-controlled record player so that the selector may be readily movable along the rear end of a counter or bar and in addition to providing greater convenience to customers reduction in investment will be possible.

It will be obvious to those skilled in the art that various changes may be made in the invention without departing from the spirit and the scope thereof and therefore the invention is not limited by that which is shown in the drawings and described in the specification but only as indicated in the appended claims.

What is claimed is:

1. In combination with a counter or bar, a juke box selector for roving movement from one end of the counter or bar to the other, said juke box selector including a holder for supporting the selector and comprising an insulated rail fixed in spaced relation to the rear of said counter or bar and extending longitudinally thereof, electrical conductor strips fixedly attached to said rail and electrically connected to a juke box, a bracket extending downwardly from said roving holder, opposed rollers carried by said bracket and movably engaging opposed edges of said rail, flexible electrical contacts carried by said bracket and slidably engaging said fixed conductor strips, and conductor means electrically connecting said flexible electrical contacts with said juke box selector in all positions of said selector along the counter or bar.

2. The combination as set forth in claim 1, and including upstanding stop means on the rail to prevent the rollers from sliding off the rail.

3. In combination with a counter or bar, a juke box selector for roving movement from one end of the counter or bar to the other, said juke box selector including a holder for supporting the selector and comprising an insulated rail fixed in spaced relation to the rear of said counter or bar and extending longitudinally thereof, electrical conductor strips fixedly carried by said rail and insulated therefrom, wires connecting said strips to a juke box, an arm extending downwardly from said roving holder in parallel relation to said rail, upper and lower rollers carried by said arm and movably engaging the upper and lower edges of the rail respectively, resilient electrical contacts carried by said arm and slidably engaging said fixed conductor strips, conductor means electrically connecting said resilient electrical contacts with said juke box selector in all positions of said selector along the elongated counter or bar, an arm extending forwardly from said roving holder, and a roller mounted on said last-mentioned arm for continuous contact engagement with the top of the counter or bar.

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