MICROPHONE FOR MAGNETIC RECORDING DEVICE HAVING A DETACHABLE REMOTE CONTROL SWITCH
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4 Claims. (Cl. 179—179)

The invention relates to a microphone-remote control switch combination for a portable magnetic recording device.

When such a magnetic recording device is used for reporting purposes, it is preferable that the microphone can be placed in the reporter's breast pocket, where it is held by a clamping member secured thereto. For the operation of the magnetic recording device, a switch is required which is held in the reporter's hand. A microphone provided with a detachable switch is required since the switch in the breast pocket is not accessible.

According to the invention, a microphone remote control switch combination for a portable magnetic recording device is constructed so that the switch is secured in a manner so as to be readily detachable to the microphone housing. This switch is provided with a cable having a pair of conductors connecting it with the magnetic recording device. The switch cable is separable from the microphone cable. Consequently, when the switch is connected with the microphone, the combination may be utilized in the usual manner. If, however, the magnetic recording device should be used for reporting purposes, the switch is detached from the microphone by a simple manipulation and the two cables are separated so that it is possible to accommodate the microphone in the reporter's breast pocket and the switch in his hand or coat pocket.

In a microphone remote control switch combination according to the invention, the microphone and the switch cables are bound together by means of several clamping devices distributed throughout their lengths so as to be readily separable. The shape of the clamping devices is shown in FIG. 5 which also illustrates that the two cables may be laterally passed into the clamping devices until they are held by the spring force of these clamping devices which are made of resilient synthetic substance. In the embodiment shown, the two cables 12 and 13 terminate in a known plug 15, but of course it is also possible to use another kind of known connection.

What is claimed is:
1. A microphone for a tape recorder comprising a discrete microphone housing member, a first cable connected with said microphone housing member and operatively coupled with said microphone, a discrete switch housing member having a switch means integral therewith, a second cable connected with said switch housing member and operatively coupled with said switch means, said microphone housing having an exterior closed relief portion integral therewith for receiving said switch housing, and quick release latching means having slidely cooperable parts connected with both said housing members including said relief portion for removably attaching said switch housing on said microphone housing in said relief whereby said switch is operable both when connected with and separated from said microphone housing member and plug connecting means connected with both said cables for coupling said cables with a tape recorder.

2. A recording microphone comprising a microphone housing, said housing having a generally frusto-conical configuration, a microphone at the base end of said configuration, an elongated closed relief in said housing extending from the apex end of said configuration in a longitudinal direction and terminating in spaced relation relative to said base end, a shoulder in said housing defined by the terminal end of said relief, a switch housing member removably receivable in said relief, said switch housing having a configuration fairing into said relief and the configuration of said microphone housing and quick release latching means having slidely cooperable parts connected with each said housing member for removably...
attaching said switch housing in said relief, and a pair of discrete cables one of which extends from said switch housing and the other from said microphone housing.

3. A recording microphone according to claim 2 wherein said latching means comprises a niche in said shoulder, a projection at one end of said switch housing receivable in said niche, a pair of shaped slots in the apex end of said microphone housing, and correspondingly shaped fingers projecting from said switch housing for slideably fitting into said slots.

4. A recording microphone according to claim 2 with the addition of means for removably clamping said conductors together.