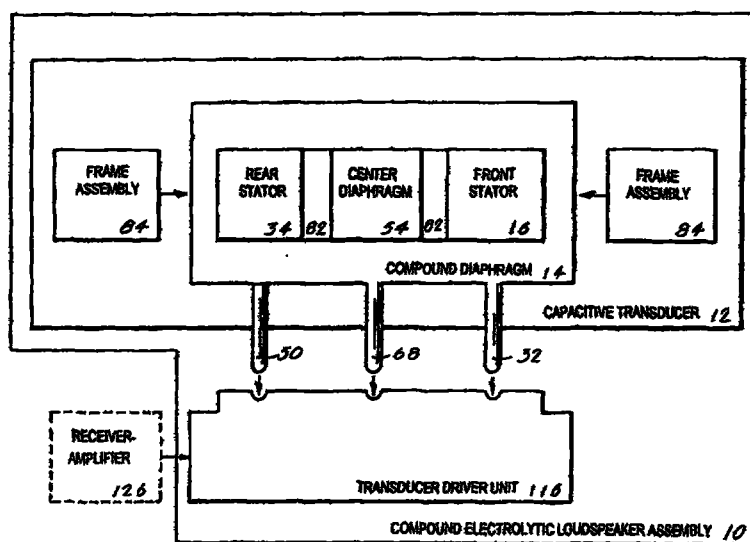




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(54) Title: COMPOUND ELECTROLYTIC LOUDSPEAKER ASSEMBLY**(57) Abstract**

A compound electrolytic loudspeaker (10) comprising two major elements: a capacitive transducer (12) and a transducer driver unit (116). The capacitive transducer (12) consists of a compound diaphragm (14) that is suspended within a frame assembly (84) and which consists of a front stator (16) having a front stator electrode (32), a rear stator (34) having a rear stator electrode (50), and a center diaphragm (54) having a diaphragm electrode (68). The electrodes interface with the transducer driver unit (116) which receives and amplifies an audio signal applied from a receiver-amplifier (126). The amplified audio signal drives the capacitive transducer (12) in synchrony with the received audio. The capacitive transducer (12) is designed to be used singularly or be positioned in several selectable placement configurations including a side-by-side configuration, a stacked vertical configuration and in a horizontal configuration wherein an inner surface (88) of a first frame assembly (84) abuts with an outer surface (90) of a second frame assembly (84).