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(54) Title: MEMS-SWITCHED STEPPED VARIABLE CAPACITOR AND METHOD OF MAKING SAME

(57) Abstract: The present invention relates to a stepped micro electromechanical structure (MEMS) capacitor that is actuated by a plurality of MEMS switches may be within the stepped capacitor circuit, or they may be actuated by an independent circuit. The stepped capacitor may also be varied with intermediate steps of capacitance by providing at least one variable capacitor in the stepped MEMS capacitor structure.