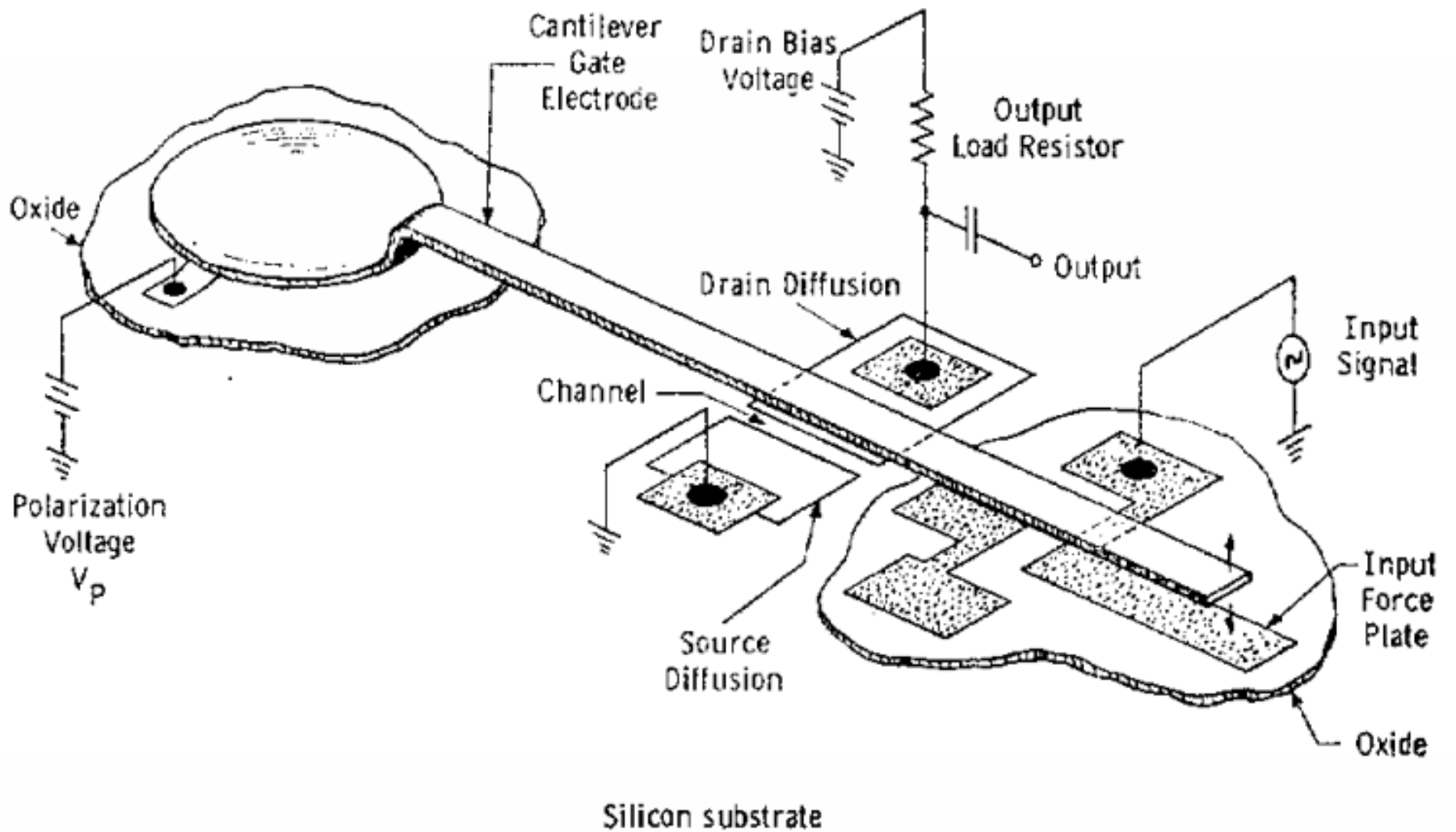


# RESONANT GATE TRANSISTOR

ISSCC 1966



## Novel Circuit Aspects of the Resonant Gate Transistor

IN 1966, NEWELL (Westinghouse Electric Corporation) presented new circuit aspects of the resonant gate transistor, an early concept that has driven much of the research and development of modern day resonant microbeam and micromachined comb-drive microsensor and microactuator devices. This very early work shows silicon as a resonator - principles employed today in accelerometers, RF oscillators, and microactuators.

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