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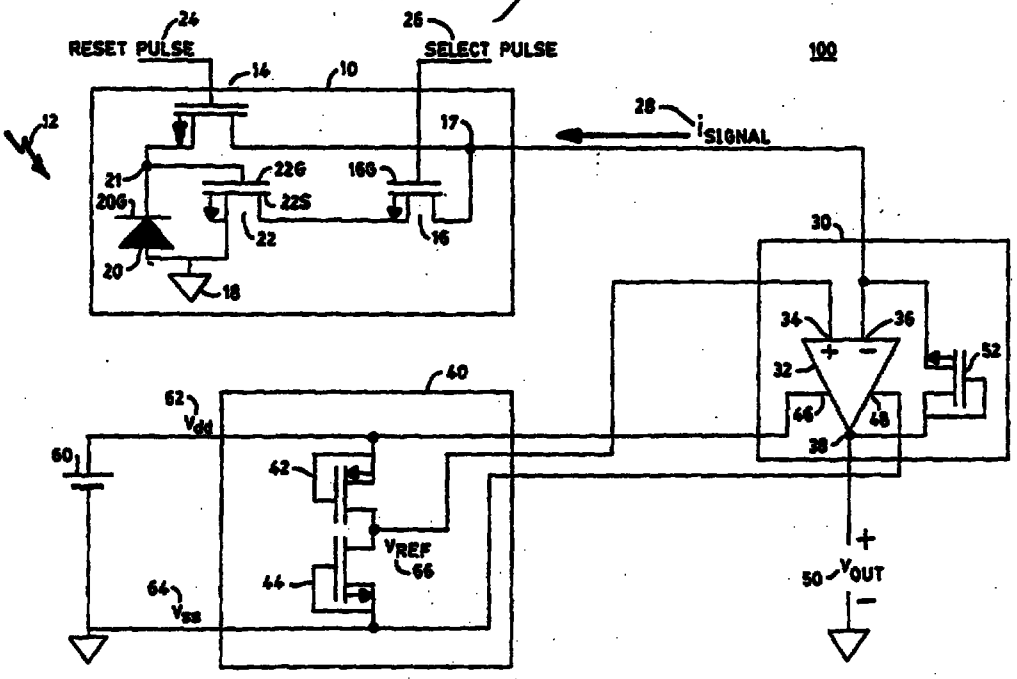
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(54) Title: CMOS IMAGING ARRAY WITH ACTIVE PIXELS



(57) Abstract

An image sensing device comprising one or more pixels is disclosed, each pixel having a charge accumulation region for collecting charges generated by a photosensitive element such as a photodiode. An output signal is obtained from a pixel by placing a voltage potential across a resistive element, such as a FET channel, in which the resistance value is proportionately correlated to the magnitude of an electric field produced by the collected charges.