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### Coupled sawtooth oscillator

**Inventor(s):** VAN TUIJL ADRIANUS J M [NL]; GIERKINK SANDER L J [NL] ± (VAN TUIJL, ADRIANUS J.M, ; GIERKINK, SANDER L.J)

**Applicant(s):** PHILIPS CORP [US] ± (U.S. PHILIPS CORPORATION)

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### Abstract of US6107894 (A)

Relaxation oscillator comprising a chain of coupled sawtooth generator stages. Each stage has a capacitor which is charged and discharged. The charging of a capacitor begins when the voltage (CC1) of a previous stage reaches a threshold voltage (V<sub>H</sub>). To avoid sampling of noise on the threshold voltage (V<sub>H</sub>) each new voltage ramp is started gradually.

