Pilo-Mate®- Microprocessor-controlled Shaving Aid utilizes Pilomotor Effect to bristle hair, to reduce skin irritation.

The skin is electronically induced from a microprocessor-controlled circuit tuned to stimulate the Arrector Pili muscle (13) causing a Pilomotor retraction of the hair on hair-bearing skin, mimicking the (involuntarily pilomotor reflex) effect of the autonomic nervous system reaction on nerve fibers that innervate them (horripilation) to facilitate the mechanical removal of hair, by using a razor or any bladed implement, to slice hair down to the level of the skin. Just as larger muscles of the body become conditioned with repetitive retractions; the microscopic/fibrous Arrector Pili muscles become conditioned over time, and with a reduced power setting adequately respond with a less noticed to unnoticed electronic tingle of the skin.