Press Release

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

David Aberizk, President of Integrated Consultants, submits a Utility Patent for a new electronic pulse device Shaving Aid that enhances optimal positioning the hair relative to skin for a close-to-skin blade cut, reducing skin irritation due to shaving. The hand held, battery operated device produces an adjustable harmless electrical discharge to the skin surface that stimulates microscopic skin muscles attached to skin hair follicles that offers a desirable positioning for blade cutting.

From an electromechanical engineering approach we have isolated the necessary pulsating charge parameters to electrode terminals and effectively initiate the involuntary pilomotor reflex. This skin surface, shaving aid offers a controlled reaction of optimally positioned hair for blade removal at the skin.

Empirical testing supports optimal pulse parameters to the skin to retract the Arrector Pili muscle (Pilomotor Effect). The induced reflex completely eases in less than five minutes. Prolonged electronic stimulation in one area of the skin has shown no additional pilomotor attribute, and no irritation to the skin.

Just as larger muscles of the body become conditioned with repetitive retractions; the microscopic Arrector Pili muscles become conditioned. Over time a reduced power setting offers adequate response with a less noticed to unnoticed electronic tingle of the skin.

Normal skin condition  Pilomotor Effect on skin  Shaving Aid

Operational-Prototype

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