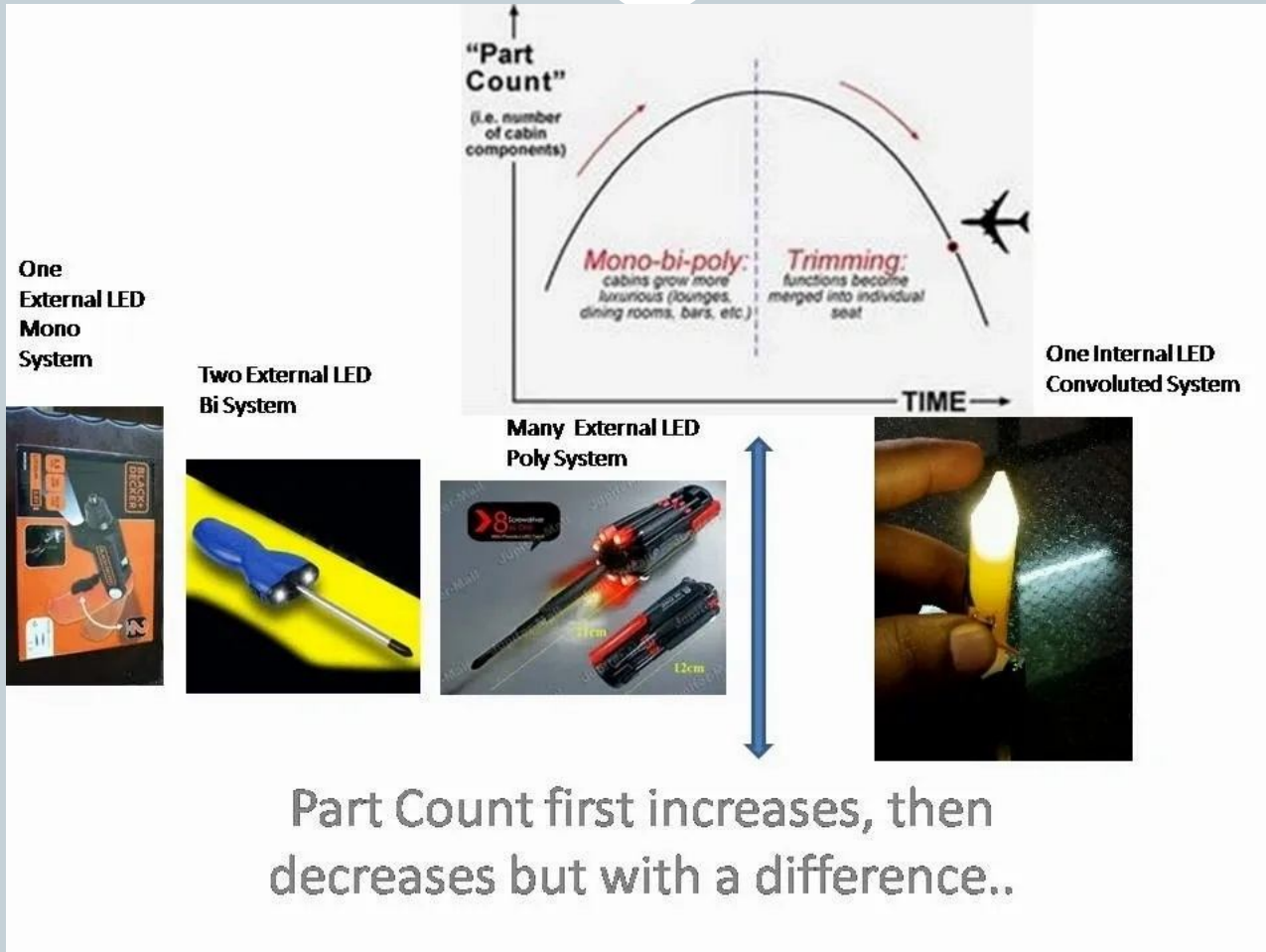


Almost non-cut & irritation-free shaving razor

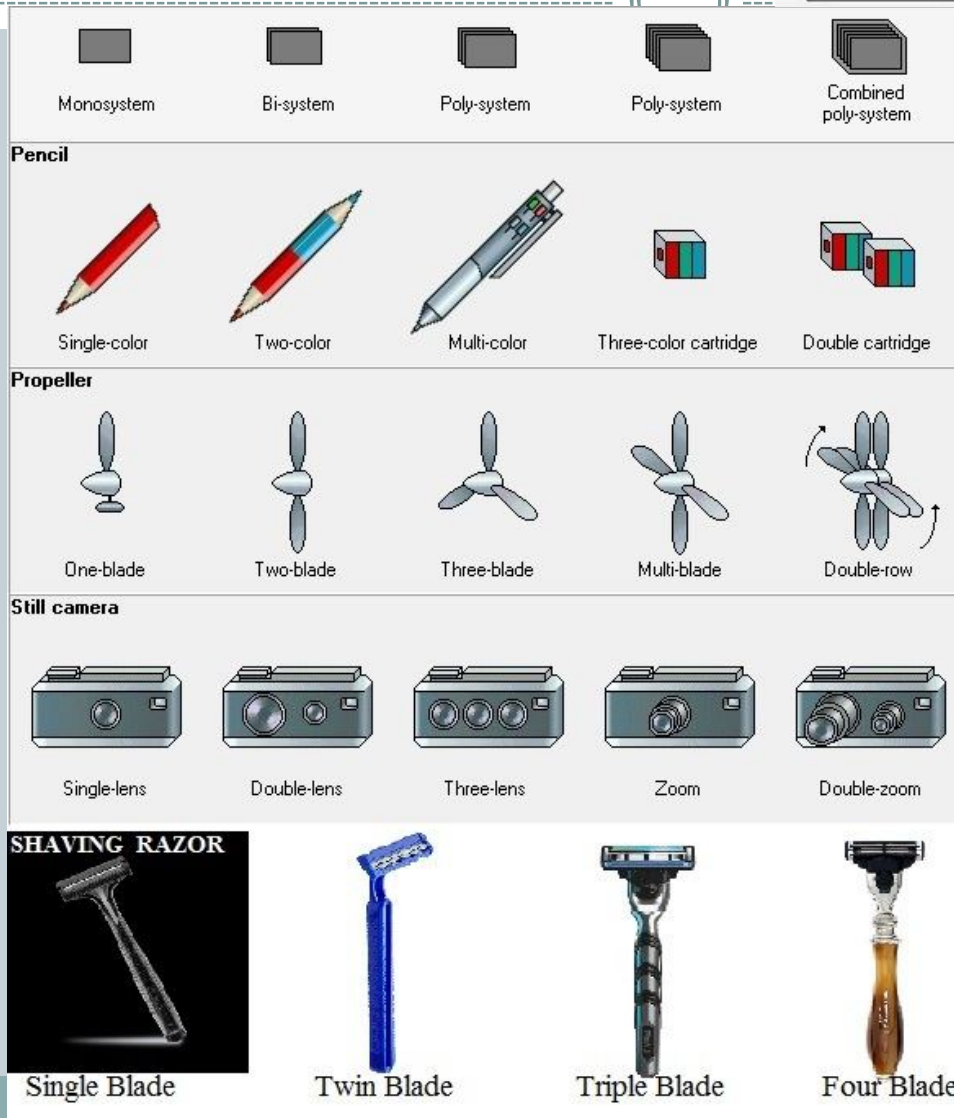
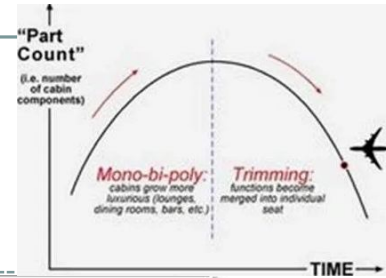


DR SAURABH KWATRA RESOLVE

From Mono to Bi to Poly to New Mono



Shaving Razor Evolution



⇒ Convolved Mono-System that exceeds Combined Poly-system

⇒ Single Cartridge that writes Multiple Colors

⇒ Single Blade Propeller that exceeds Double-row multi-blade propeller

⇒ Single lens that exceeds double-zoom lens

⇒ Single blade razor that exceeds four blade razor

Technical Contradictions in Existing Designs and their resolution/relaxation



1st

- If hot water is used in shaving, process is comfortable but it is bad for clotting blood-cuts if any.
- If cold water is used in shaving, process is uncomfortable but it is good for clotting blood-cuts if any.

Resolution in our design: While hot water makes a comfortable shave, cold water splashed after shave clots blood and moisturizes skin. This razor shaves with a little heated shaving oil and soothes skin immediately thereafter by cold water soaked (wet) tissue. Eatable Glucose powder can be added to cold water optionally to further lower its temperature (Glucose dissolution is an endothermic reaction).

Technical Contradictions in Existing Designs and their resolution/relaxation

2nd

- If full (normal) length blade(s) are used, shaving is faster but there is danger of moles or acne being cut.
- If shorter (lower than normal) length blade(s) are used, shaving is slower but there is no danger of moles or acne being cut.

Resolution in our design: Full length blade(s) cut across their entire length just like a wide grass mower without caring for moles or acne, though shaving is quicker. Shorter length blade(s) would be caring about moles or acne but then shaving time is impatiently high. This razor has transversely segmented and dynamic blades; when skin is clear ahead, all segments (narrow blades) function together, but when a mole or acne is en route, the corresponding segment (narrow blade) is lifted to bypass mole safely.

Technical Contradictions in Existing Designs and their resolution/relaxation

2nd

- If standard shaving foam (opaque) is used to shave, shaving is smoother but cuts are seen post bleeding (cuts can be more)
- If water (transparent) is used to shave, shaving is slower but harsher but cuts are seen before or during bleeding (cuts can be less)

Resolution in our design: Transparent natural shaving oil used in this razor avoids most cuts simply because viewing is possible. It gives lubrication of foam & transparency of water. It is superior to conventionally used opaque shaving foam wherein cut is discovered after it has happened. The shaving oil used in this razor also serves as after-shave balm. This saves time and skin needn't go through oiling followed by washing followed by post-shave wiping.

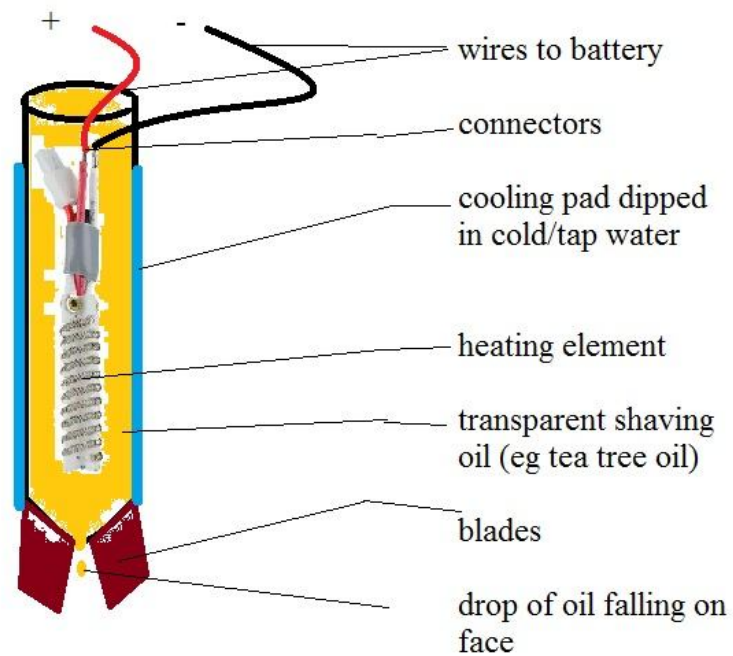
Our first prototype




It used Peltier chip powered by battery to generate heat and cold. It had a nanoLED too.



Our Current Design (as in this PPT)





224-383-1362 
Password: 2PauEg

Leave

Our Current Prototype



Thank you!



Audio



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