

Innovations: the Redemption of the Global Tobacco Industry

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Introduction

Tobacco is poisoning our planet.
Tobacco harms our health directly.
Tobacco kills up to half of its users.
Tobacco kills more than 8 million.
Second-hand smoke is more deadly.

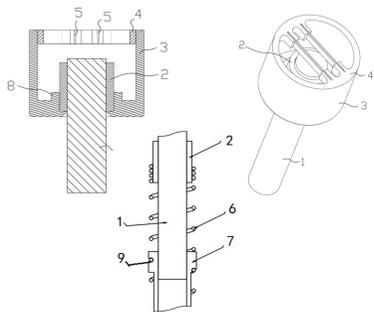
Goals

Eliminate second-hand smoke.
Lowers intake temperature.
Filters tar.
Harm reduction.
Smoking cessation.

Methods

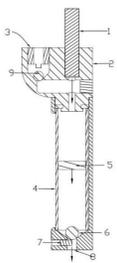
Exclusive invention patents:

I. A cigarette combustion control device



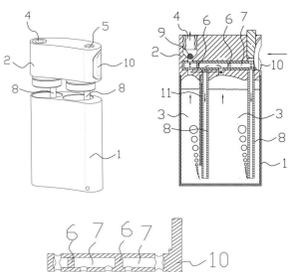
- * Gravity knife/ Smoke control holder
- * Burn control tube
- * Gravity ashtray/ Smoke control tray

II. A second-hand smoke storage device



- * Gravity piston / Sliding block
- * Smoke storage/ Vacuum tube
- * Bottom cover/Base

III. A cigarette filtration device



- * Filter chambers/Filtration medium
- * Partitions
- * Bottom cover/Base

Results

I. Second-hand smoke



- * Eliminate second-hand smoke
- * Refuse to burn in vain
- * Smoke does not spread

II. Temperature



- * Smoke can increase the temperature in the throat from 37°C to 42°C, causing light burns of the mucous membranes inside and chronic thermal trauma, leading to laryngeal cancer.
- * Using purely physical cooling directly reduces the inhaled smoke's temperature to about 20°C.

III. Tar



- * The optional medium can effectively filter tar and reduce the damage.

Conclusions

- * Eliminate second-hand smoke and harmful tobacco substances using physical principles and verify their feasibility by combining qualitative and quantitative research methods.
- * The naked eye can directly observe harmful gases and substances throughout smoking.
- * Government should boost investments and research for new healthy smoking sets technologies.



