

PARTIAL LIST OF INVENTIONS

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Energy efficient and non-polluting products:

1. EcoHeating System, a high thermal efficiency (99+%), non-polluting vented forced hot air heater that humidifies and purifies the air with no additional equipment or supply. (USP 5,560,350)
2. High efficiency incinerators for medical solid wastes, tires, and marine wastes. (USP 5,632,210)
3. Compact, high efficiency air purifier for painting, printing or dry-cleaning shops. (5,547,640)
4. Low cost solar water heater.
5. High efficiency low cost water heater with water reuse for remote rooms.
6. AccuTemp, a high sensitivity hand held probe for heat loss and draft detection. (USP 4,326,820)

Advanced automotive technology:

1. Non-polluting, high performance, safe, advanced automotive power plant based on two stage combustion compound cycle hybrid engine with a thermo-pneumatic capacitive energy storage. (USP 3,672,160 and 3,513,929)
2. Pneumatic safety devices and other accessories.
3. Multi-purpose testing system for functional fluids (ASTM MS sequence tests simulators).

Advanced chemical engineering technology:

1. High rate Selective Hydrocarbon Oxidation process.
2. Large scale Polymer MW fractionation technology.
3. Non-polluting energy efficient sulfide ore refining process.

EcoPainting system, a completely non-polluting alternative technology for architectural paints:

1. EcoBatch paint maker, a computer based automatic retail paint maker for any gloss or color.
2. New concept paint Applicators: EcoPad, EcoBrush and PadGun. (USP 4,977,724 & 5,016,755)
3. Non-polluting low additive paint compositions.
4. High efficiency self-cleaning 5-gal paint mixer.
5. Combination can opener and closer.
6. Automatic computer controlled paint tinting machine. (USP 5,445,195)
7. New painting fiber and production technology.
8. Tamper proof resealable container (Kintainer). (USP 4,898,295).
9. Non-drip valve, multi-color bottle printer and advanced spin welder.

Safety devices against drunk driving:

1. DADD that prevents a drunk or other incapacitated person from starting a car.
2. FADD, Portable Eye-Hand coordination tester.

Miscellaneous items:

Fire Hood.	Wire IDer.	Powder dispenser.	Pool Cleaner.	Chop Sticker.
Puzzle making process.		Trayette advertiser.	Safety tub drain plug.	Grout remover.
Anti-theft jack/bar.		Safety ladder cover	Bricklayer's line holder.	
Informative auto back light.			Cooling water conditioning system.	
Space efficient Darkroom equipments.			Safety Stabilizer for the window washer.	
Safety bumper stop for parking lot			Impact recorder for optimum packaging.	
Curved ice-scraper (USP 5,864,668).			Safety blade cover squeegee	
Composite snowbrush/mop/scraper			Cargo handler for vehicle with rear cargo space	
Baby safety mirror			Other miscellaneous items	