

NT Glass

Patent 005968 A1

NEW TECNOLOGY GLASS with remotely adjustable transparency and powered by solar energy.

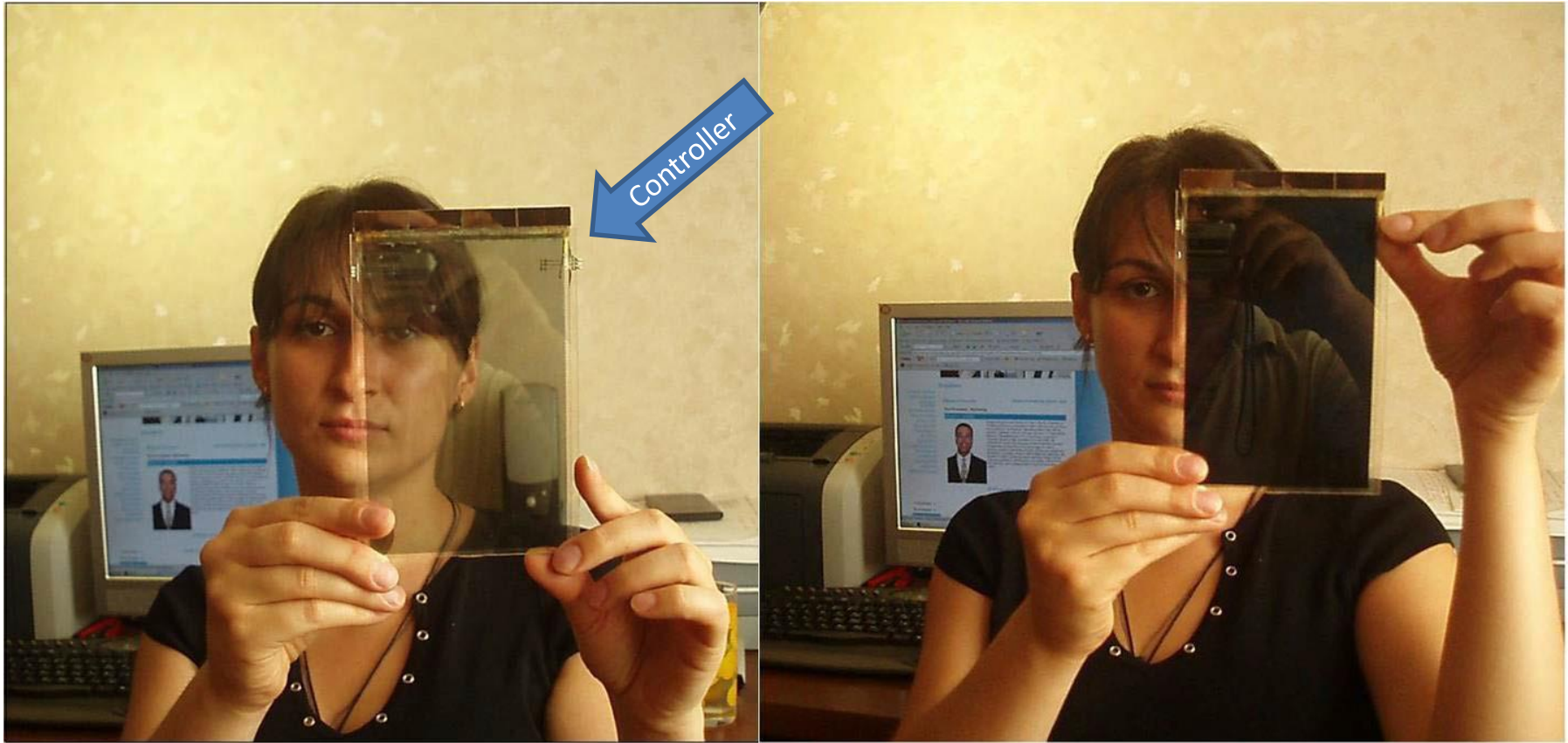
- **Ability to control glass transparency remotely**
- **Fully powered by solar energy, stores enough power up to 10 days**
 - **Higher resiliency in a case of impact, Safety**
 - **Energy efficiency**
 - **Choice of 4 colors**
 - ***No glass type and size limits***

Smart Glass Market



According to a report by Statistics Market Research Consulting, the global smart glass market in 2015 amounted to more than \$ 32 billion and, according to experts, will reach \$ 126.7 billion by 2022, increasing annual growth by 21.2% over the forecast period (2015-2022).

NT Glass



The required electricity is so low that the charge in the body is enough to make it work.

Compilation of New Smart Glass NT

NT Glass	PDLC (Polymer Dispersed Liquid Crystal)
Any transition state from 3% up to 85 %.	Only On and Off state. Light transmittance >83%
No external power supply required. Only 6 Volt, 0,00005 Watt is needed	Requires external power 60Volt, 24 Watt.
Works by integrated solar power system	Inability to function without continues external power supply.
\$68 per Square meter	\$80 per Square meter
Warless	Cable connections
Glass provides thermo-isolation of a building for up to 70%, by reflection of infra-red radiation	-

The Use of NT Glass

Residential



Commercial



Winter garden



NT Glass can be used in:

NT glass will allow automotive industry to make standard Tint Glass. Glass will be connected to GPS and based on location NT Glass will be able to adjust % of tint based on country and state regulations.

Busses



Cars



Trains



Trucks



Aero Space



Marine



Mane Advantages of NT Glass

- ◆ Independence from the main power source
- ◆ Wireless
- ◆ Ideal protection of privacy
- ◆ Open source of programing and operation (GPS connectivity)
- ◆ Eliminates blinds and curtains
- ◆ Improves soundproofing
- ◆ Decreases energy consumption
- ◆ Blocks ultraviolet radiation up to 85%
- ◆ Reduces infrared radiation up to 70%
- ◆ Visual art effects and advertisements

NT Glass

Available in 4 colors
Red, Yellow, Blue, Green.



NT Glass

New Glass control is done by remote control.



The radio receiver with battery is installed in the window sash or curtain wall frame.