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Smart Windows

electrochemistry
electrochemistry

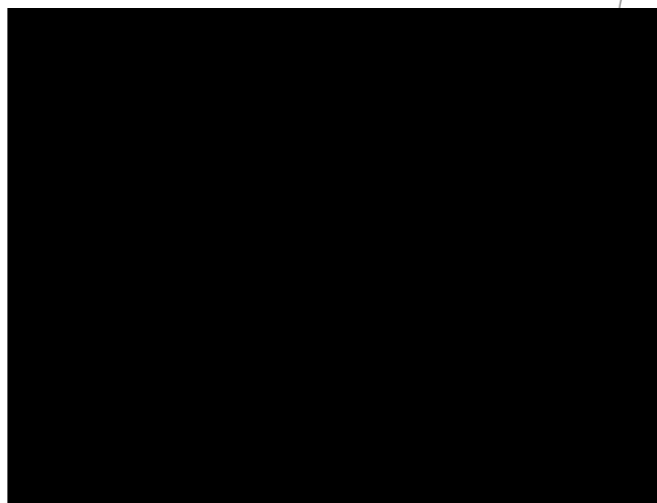


electrochromic
electrochromic

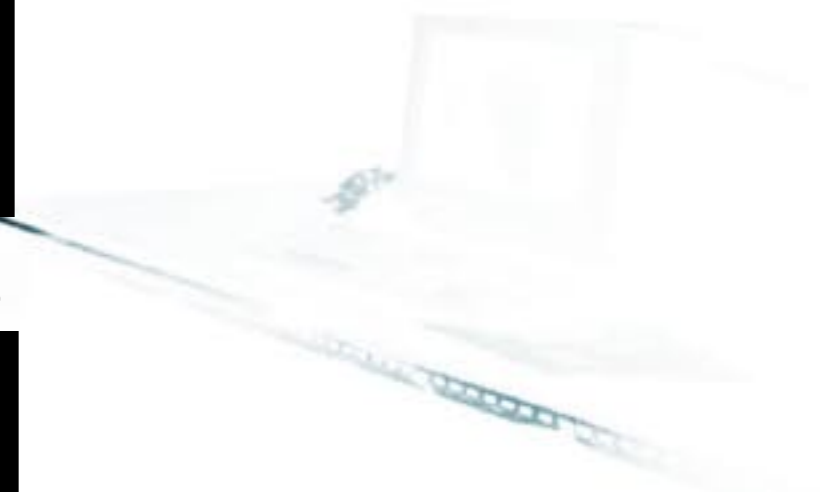
What

Electrochromic = + -
"change" "colour"

Could save **billions** a year!



Smart Windows



Who

Invented by **Tom Richardson**

Technology only **10 years** old

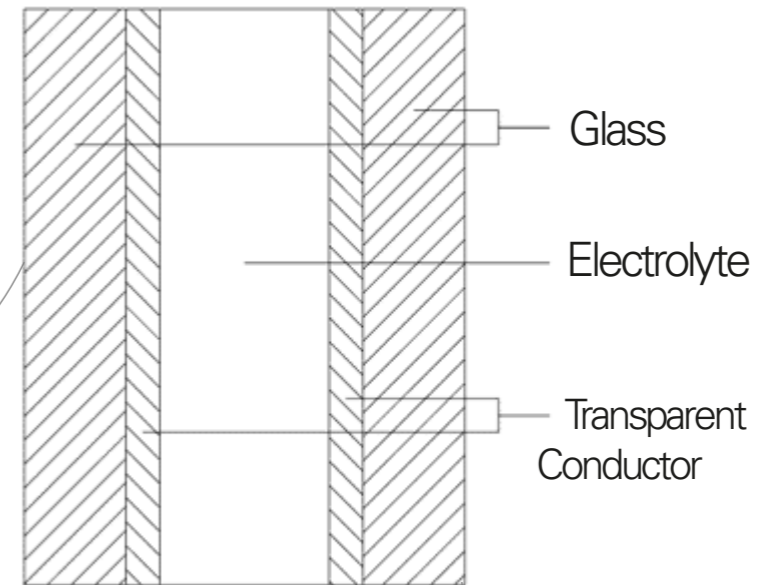
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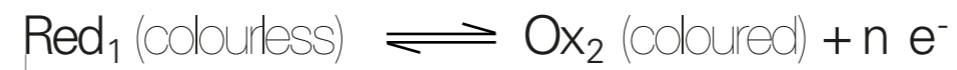
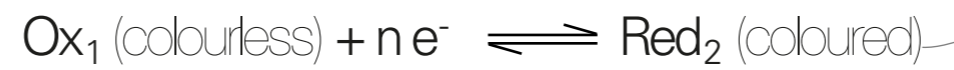
How

Solution Phase

⊖



⊕

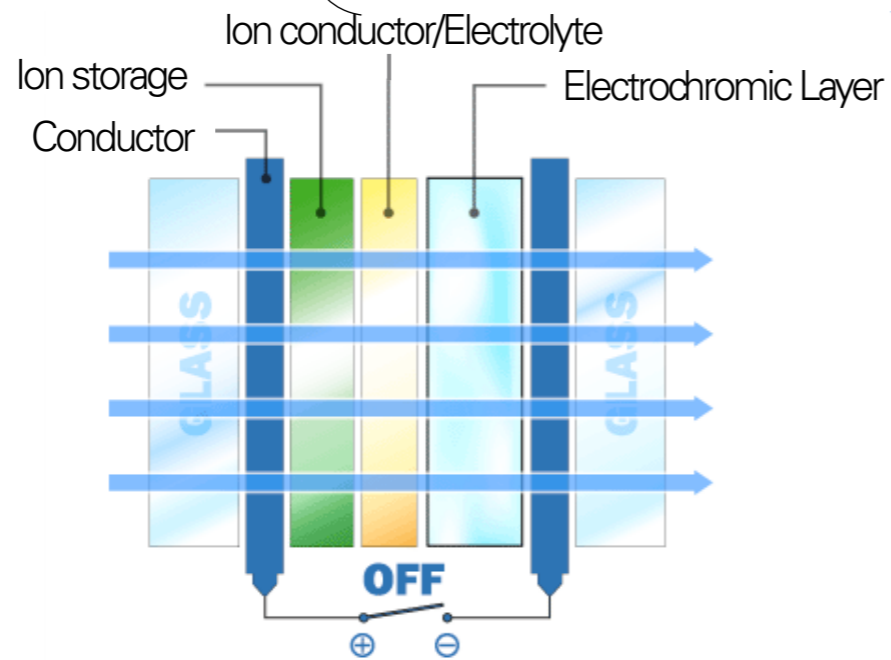


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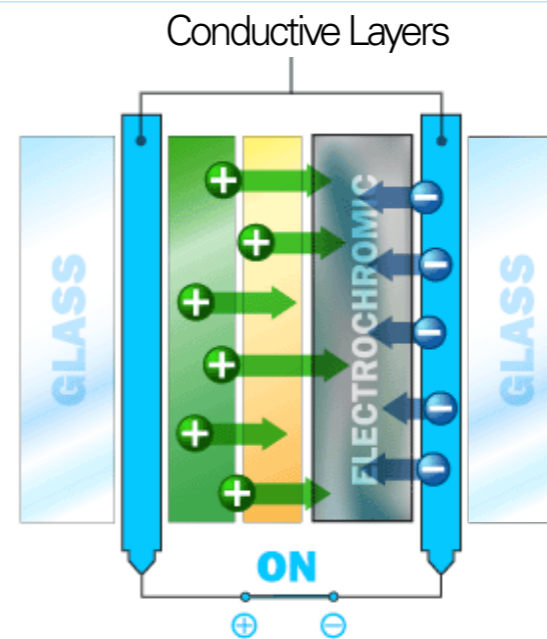


How

Solid



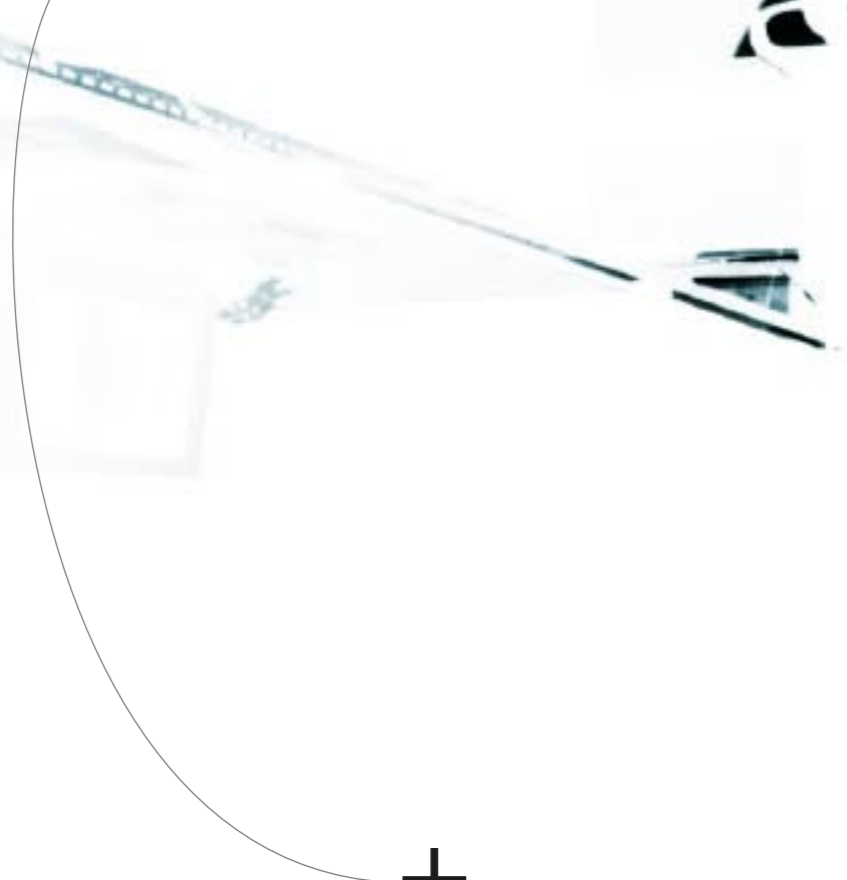
Phase



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Why ± not



+

- ⊕ saves electricity
- nighttime privacy
- energy efficient
- only need charge to start change

-

- ⊖ high cost
- small size
- can't buy... yet

Smart Windows



When & Facts

Sunroofs & Space missions!

Automotive glazing

⊕ Improvements in **size**, cost and performance

It also blocks RF radiation!

Smart Windows





wield them

Smart Windows



and save humankind!