



Direct current
thickens native oxide.

INCOMING
LIGHT

REFLECTED LIGHT
(SURFACE)

Light reflects from
dual interfaces.

OXIDE SURFACE
INTERFACE

AMPLIFIED WAVELENGTH
(CONSTRUCTIVE INTERFERENCE)

2.6 nm

20 nm

TRANSPARENT
OXIDE LAYER

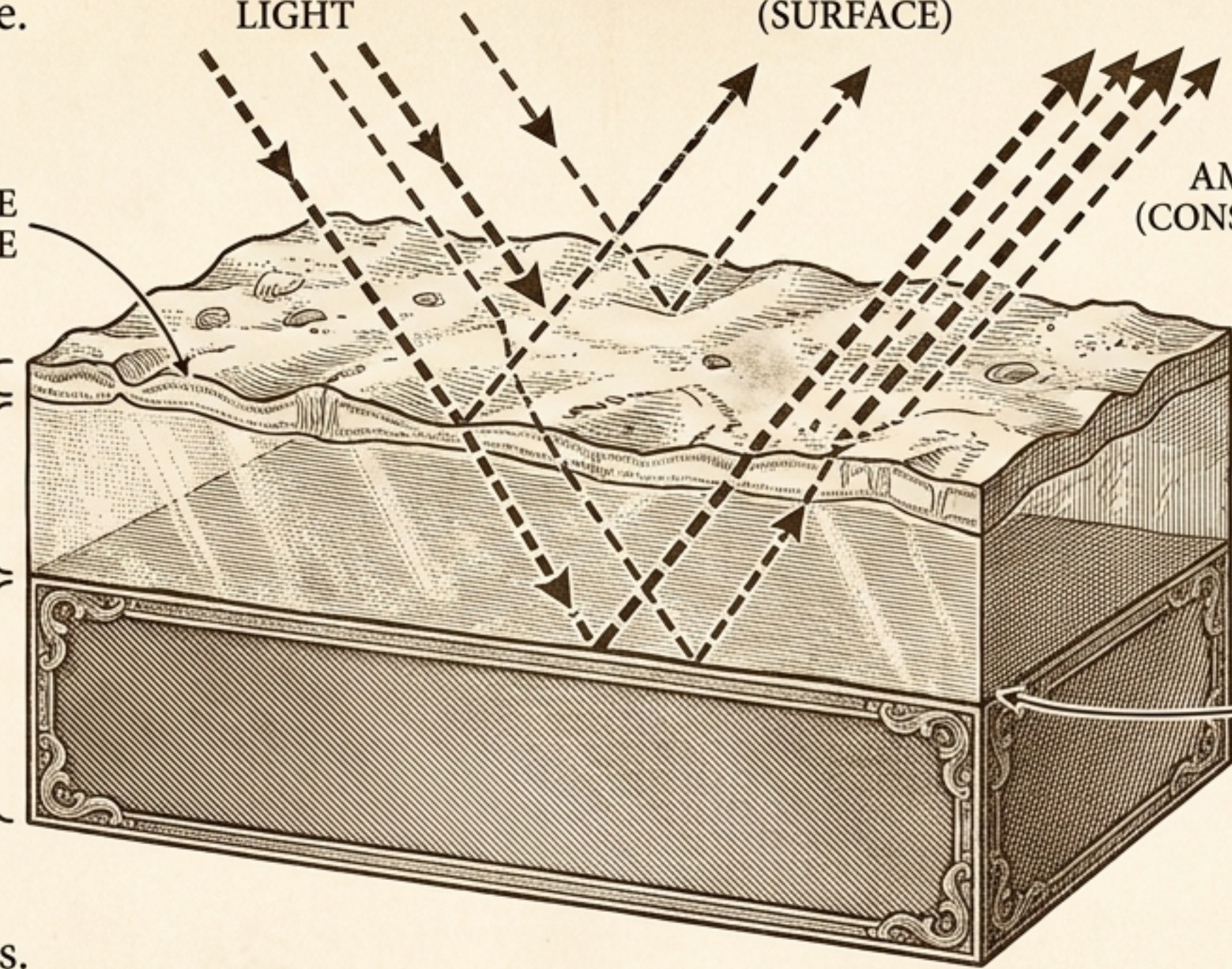
100 nm

SOLID TITANIUM
SUBSTRATE

TITANIUM-OXIDE
INTERFACE

Constructive interference
amplifies specific wavelengths.

Voltage strictly
determines final thickness.



Oxide thickness dictates the wavelength of constructively amplified visible light.
COLOR IS PURE PHYSICS.