

Heater control switch with Transmitted Illumination

透過照明付きヒーターコントロールスイッチ

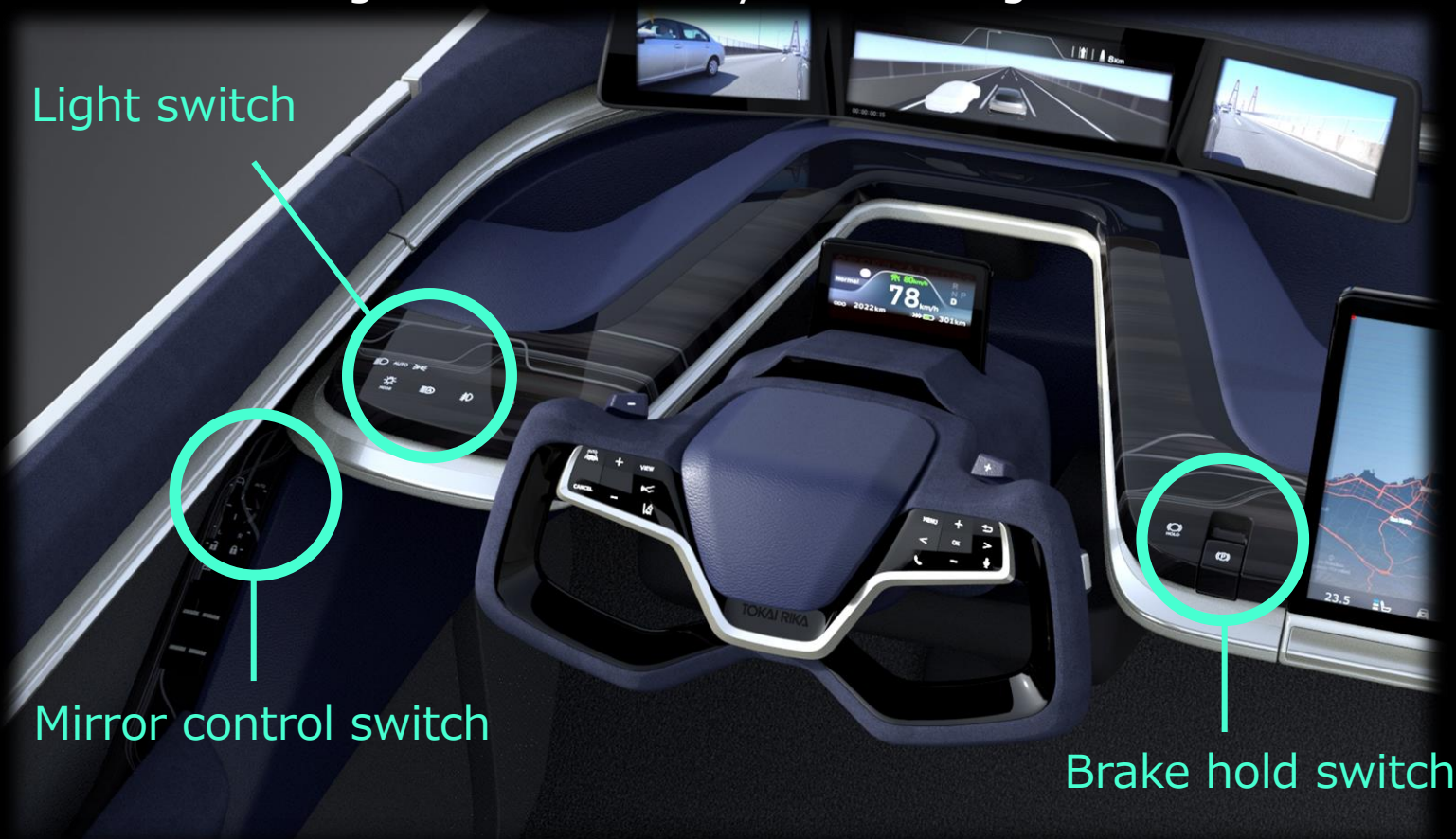
Aim

Realize intended transmitted illumination regardless of color and pattern by applying specialized surface treatment on a decorative panel

Outline

Lights off: Neither switches nor switch symbols are visible; the entire panel surface can be decorated.

Lights on: Switch symbols can glow in vivid color when required.



Applied portions in cockpit mock-up



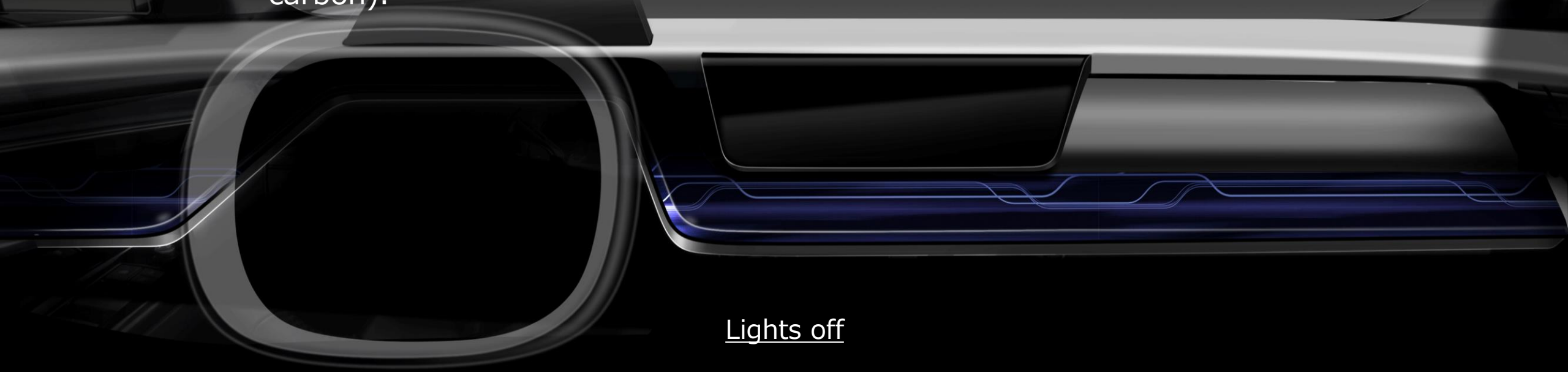
Lights on

Lights off

Technology

A specialized surface treatment is applied to the decorative panel to let the switches glow in the intended illumination color, regardless of color and pattern.

Applicable not only to wood grain but also other colors and patterns (piano black, or carbon).



Lights off



Technology

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Wood grain







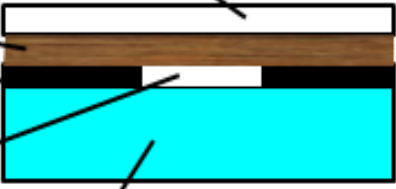
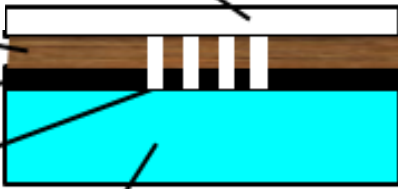
Hairline finish



Technology

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Patent applied

	Existing product (transmission type)	Developed item (aperture type)
Appearance design	<div></div> <div>Lights offLights on</div>	<div></div> <div>Lights offLights on</div>
Cross-section structure	<div><div>Topcoat (transparent)</div><div>Decoration layer (Wood grain)</div><div>Concealment (Black)</div><div>Symbol cutout</div><div>Base material (transparent)</div></div> 	<div><div>Topcoat (transparent)</div><div>Decoration layer (Wood grain)</div><div>Concealment (Black)</div><div>Symbol cutout</div><div>Base material (transparent)</div></div> 
Note	Illumination color is affected by the pattern or color of a decorative panel.	Illumination color is free from the pattern or color of the decorative panel.

Proposal of possible applications

Transmission decoration technology is available not only for automobile parts but also for exterior wall, interior, and home appliances.

