

# Transmissive Decorative Panel

透過加飾パネル

## Purpose

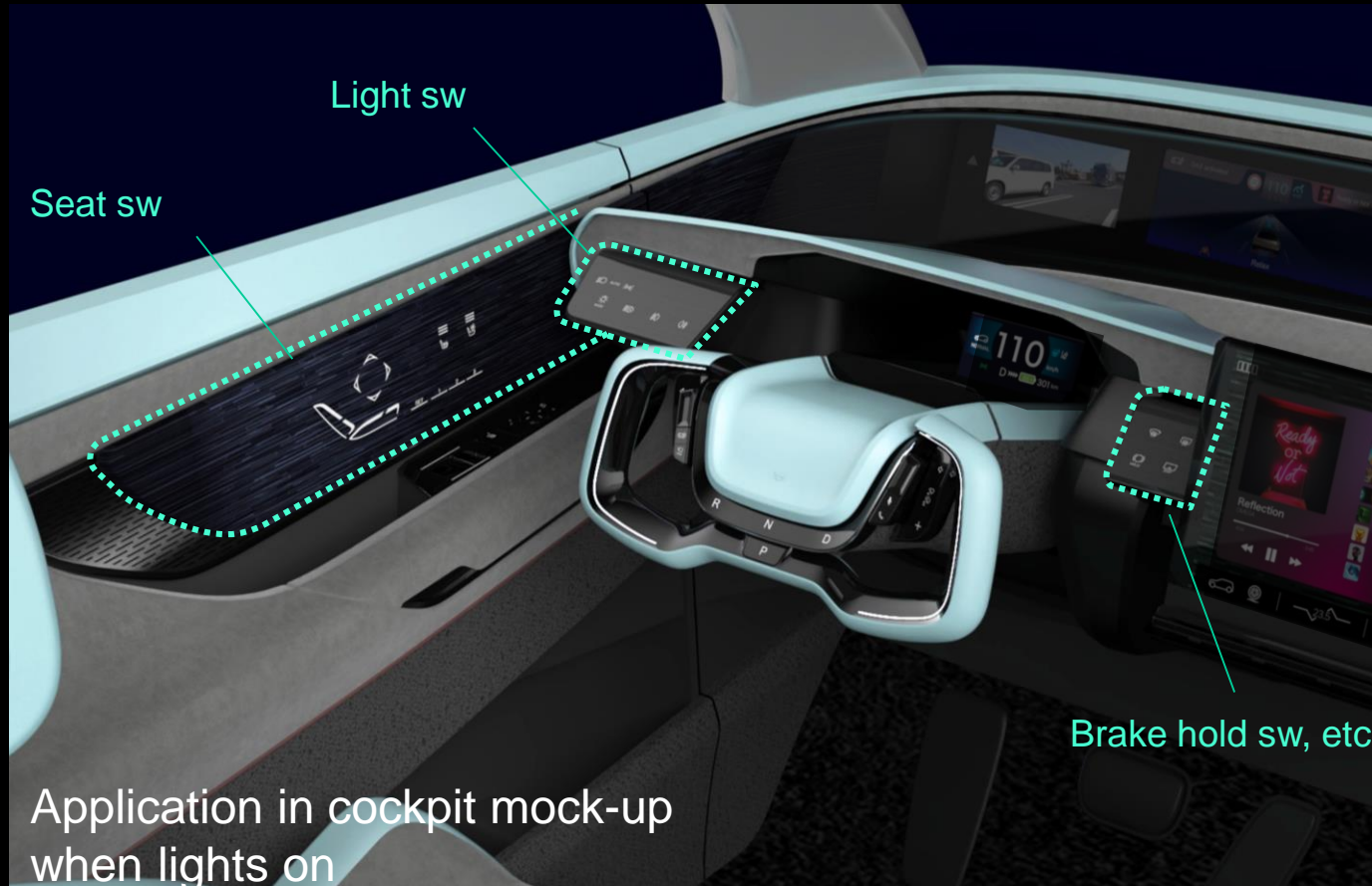
The special surface treated decorative panel transmits illuminated symbols regardless of the panel color and pattern.

Available for soft material including synthetic leather.

## Outline

Lights off: Switches and switch symbols are invisible. The entire panel surface can be decorated.

Lights on: Switch symbols glow in vivid color as needed.



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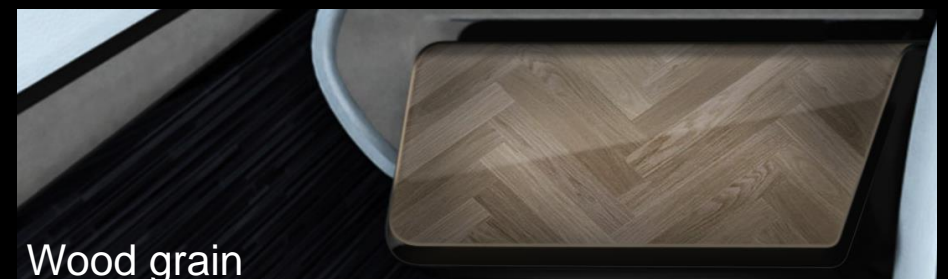
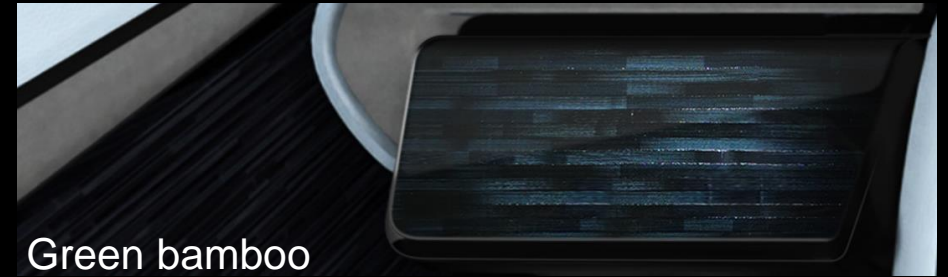
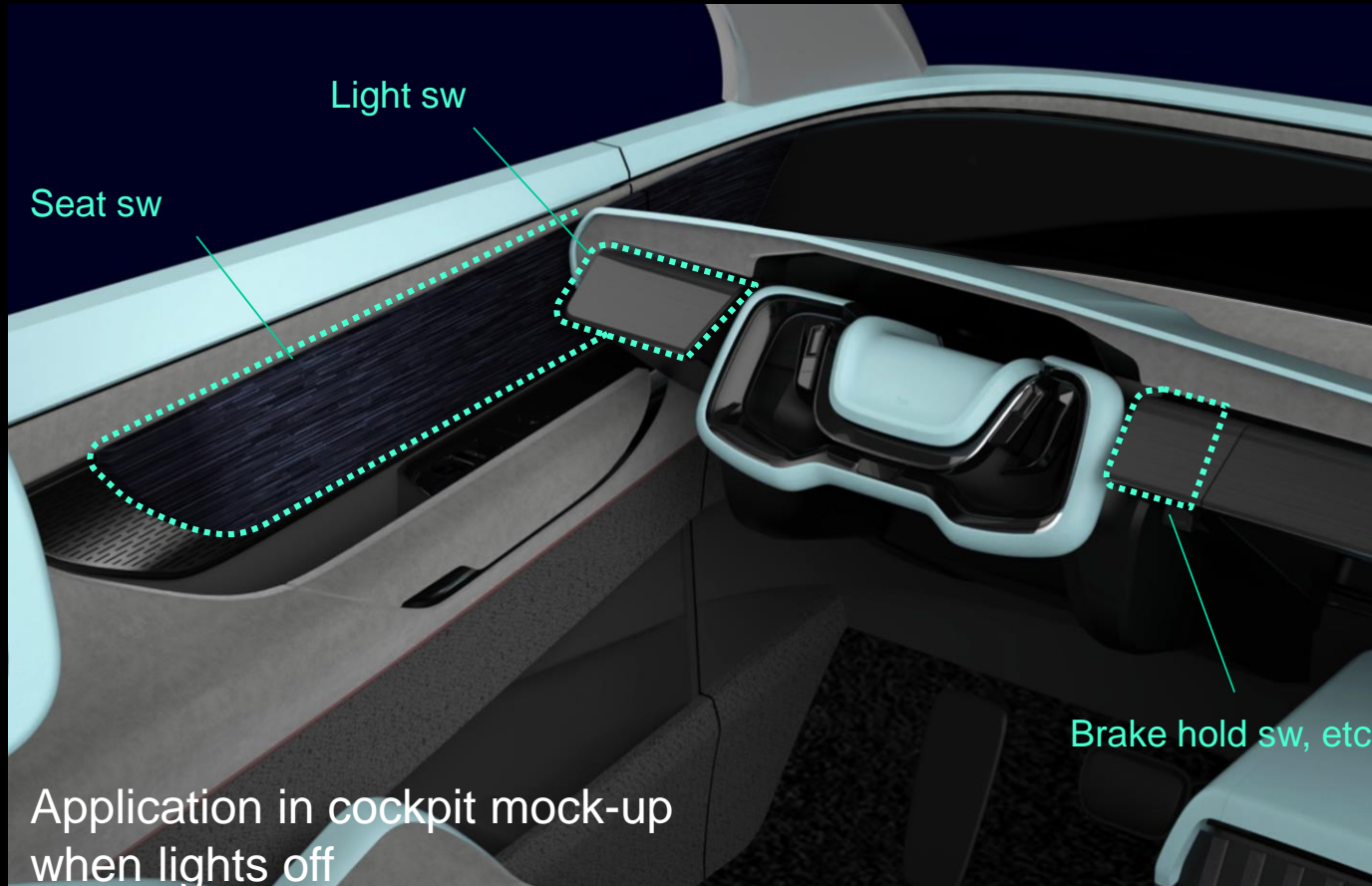
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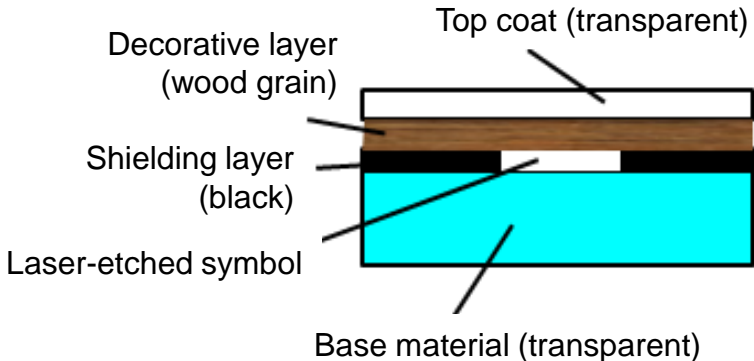
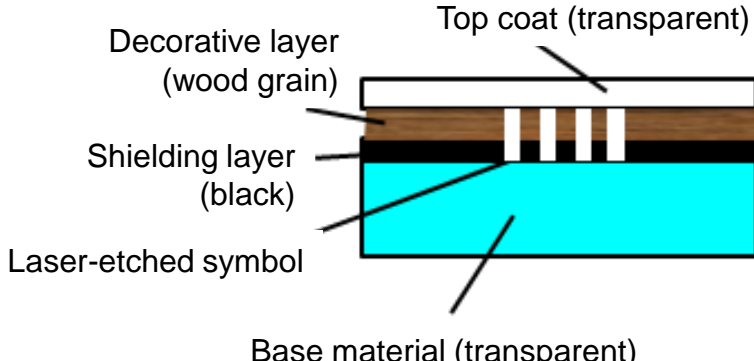


**Technology**

Microporous processing is performed on a decorative panel to transmit illuminated symbols regardless of the panel color and pattern.

Applicable to wood grain, piano black, carbon and other patterns and colors.

Patent applied

	Existing product (transmissive type)	Developed item (aperture type)
Appearance design	 <p>Lights off      Lights on</p>	 <p>Lights off      Lights on</p>
Cross section structure	 <p>Top coat (transparent) Decorative layer (wood grain) Shielding layer (black) Laser-etched symbol Base material (transparent)</p>	 <p>Top coat (transparent) Decorative layer (wood grain) Shielding layer (black) Laser-etched symbol Base material (transparent)</p>
Remarks	The pattern and color of the decorative panel affect the illumination color.	Neither pattern nor color of the decorative panel affect the illumination color.

## Technology

The use of apertures can change transmissivity freely on a single panel. Applicable to an LCD panel by partially increasing transmissivity.

Possible to partially increase transmittance In this case, LCD can be used



Lights on



Lights off

### Example of application

Applicable to the detection of switch pressing load or vibrational feedback.

Patent applied

## Technology

Special processed synthetic leather can transmit illuminated symbols.  
Application to soft material like fabric is under study.



### Example of application

The separation between a transmissive area and an operating area enables the transmissive technology to apply to material that is less friction resistant as a view area.

Patent applied



Future use

The transmissive decoration technology is applicable to exterior wall, interior, and home appliances as well as automotive parts.

