

**UNITED STATES PATENT AND TRADEMARK OFFICE**

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**BEFORE THE PATENT TRIAL AND APPEAL BOARD**

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**SUBARU OF AMERICA, INC., TOYOTA MOTOR NORTH AMERICA, INC., FORD MOTOR  
COMPANY, JAGUAR LAND ROVER NORTH AMERICA, LLC, and VOLVO CARS OF  
NORTH AMERICA, LLC,,  
Petitioner,**

**v.**

**CRUISE CONTROL TECHNOLOGIES LLC,  
Patent Owner.**

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**Case IPR2014-00289  
Patent 6,324,463 B1**

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**Patent Owner's Demonstrative Exhibits for Oral Hearing**

Cruise Control Technologies LLC - Exhibit  
2002 - Subaru II v. CCT - IPR2014-00289

## Instituted Anticipation Grounds

- Ground A: Claims 13, 18, and 25-27 under 35 U.S.C. § 102 as anticipated by Yoshimitsu;
- Ground B: Claims 12 and 13 under 35 U.S.C. § 102 as anticipated by Yagihashi;

## '463 Patent – Claim 13

13. A method for indicating to a human operator of a vehicle having a cruise control system a preset speed for which the cruise control system is set, the method comprising:

setting the preset speed;

**displaying to the operator a symbol indicative of the preset speed;**

maintaining the display of the symbol indicative of the preset speed; and

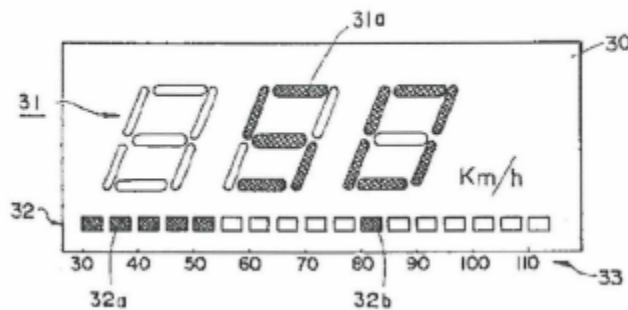
discontinuing display of the symbol indicative of the preset when the cruise control system is deactivated or a new preset speed is selected.

Petition’s allegations regarding “a symbol indicative of the preset speed”

- “radiator (32b) corresponding to the set vehicle speed of the display element (32a) flashes, indicating that **in the vicinity** of 80 km/h is the set vehicle speed” Ex. 1007, AHM00575

<p>13b. displaying to the operator a symbol indicative of the preset speed;</p>	<p>“Setting vehicle speed display device for a cruise control unit characterized by being provided with a display surface having the first display section which displays travel speed and the second display section having a plurality of display elements arranged in an array in the vicinity of this display section and <i>displaying constant travel speed set by the setting manipulation of the occupant...</i>” Claim 1. See also Claim 2; p. 3, ll. 23-36; p. 3, ll. 38-41; p. 6, ll. 7-8; p. 7, ll. 10-13; and p. 7, ll. 16-20.</p>
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Figure 3



## '463 Patent – Claim 18

18. A method for indicating to a human operator of a vehicle having a cruise control system a preset speed for which the cruise control system is set, the method comprising:

setting the preset speed;

displaying to the operator a symbol indicative of the preset speed while maintaining the vehicle speed at substantially the preset speed;

maintaining the display of the symbol indicative of the preset speed;

braking the vehicle;

upon braking the vehicle, discontinuing maintaining the vehicle speed at substantially the preset speed while keeping data corresponding to the preset speed in a memory device; and

at a time after braking and during which time the vehicle is not being maintained at substantially the preset speed, displaying to the operator a symbol indicative of the preset speed.

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