

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

TESLA, INC.,
Petitioner

v.

GRANITE VEHICLE VENTURES LLC,
Patent Owner

Inter Partes Review Case No. IPR2025-01034
U.S. Patent No. 12,037,004

PETITIONER'S UPDATED EXHIBIT LIST

APPENDIX OF EXHIBITS

Exhibit 1001	U.S. Patent No. 12,037,004 (“ <i>the '004 Patent</i> ”)
Exhibit 1002	File History for U.S. Patent No. 12,037,004
Exhibit 1003	Declaration of Christopher Wilson
Exhibit 1004	U.S. Patent No. 9,406,177 to Attard et al. (“ <i>Attard</i> ”)
Exhibit 1005	U.S. Patent No. 9,494,926 to Frazer et al. (“ <i>Frazer</i> ”)
Exhibit 1006	U.S. Patent No. 10,377,303 to McNew et al. (“ <i>McNew</i> ”)
Exhibit 1007	U.S. Patent Application Publication No. 2016/0267335 to Hampiholi (“ <i>Hampiholi</i> ”)
Exhibit 1008	U.S. Patent No. 9,063,543 to An et al. (“ <i>An</i> ”)
Exhibit 1009	U.S. Patent No. 9,688,145 to Kang (“ <i>Kang</i> ”)
Exhibit 1010	U.S. Patent No. 9,451,030 to Schunder et al. (“ <i>Schunder</i> ”)
Exhibit 1011	U.S. Patent No. 9,714,037 to DeRuyck et al. (“ <i>DeRuyck</i> ”)
Exhibit 1012	U.S. Patent Application Publication No. 2007/0268158 to Gunderson et al. (“ <i>Gunderson</i> ”)
Exhibit 1013	U.S. Patent Application Publication No. 2007/0219720 (“ <i>Trepagnier</i> ”)
Exhibit 1014	Gereon Meyer and Sven Beiker. <i>Road Vehicle Automation</i> . Springer. 2014. (“ <i>Meyer</i> ”)
Exhibit 1015	Jeff Wit et al. “Autonomous Ground Vehicle Path Tracking.” <i>Journal of Robotic Systems</i> 21(8), 439-449 (2004). (“ <i>Wit</i> ”)
Exhibit 1016	Keshav Bimbraw. “Autonomous Cars: Past, Present and Future.” <i>Proceedings of the 12th International Conference on Informatics in Control, Automation and Robotics (ICINCO-2015)</i> , pages 191-198, July 21-23, 2015. (“ <i>Bimbraw</i> ”)
Exhibit 1017	Xavier Mosquet et al. <i>Revolution in the Driver’s Seat</i> . The Boston Consulting Group. April 2015. (“ <i>Mosquet</i> ”)
Exhibit 1018	Steven E. Muldoon et al. “10.3: Vehicle Fault Diagnostics Using a Sensor Fusion Approach.” <i>IEEE</i> 2002. (“ <i>Muldoon</i> ”)
Exhibit 1019	U.S. Patent No. 8,825,258 (“ <i>Cullinane</i> ”)
Exhibit 1020	U.S. Patent No. 9,798,323 (“ <i>Tsimhoni-323</i> ”)
Exhibit 1021	U.S. Patent No. 9,884,631 (“ <i>James</i> ”)
Exhibit 1022	U.S. Patent No. 11,040,725 (“ <i>Scofield</i> ”)
Exhibit 1023	U.S. Patent No. 9,483,059 (“ <i>Caveney</i> ”)
Exhibit 1024	U.S. Patent No. 9,365,213 (“ <i>Stenneth</i> ”)
Exhibit 1025	International Publication No. WO 2006/047297 (“ <i>Allard</i> ”)

Exhibit 1026	Rajesh Rajamani et al. “A Complete Fault Diagnostic System for Automated Vehicles Operating in a Platoon.” IEEE Transactions on Control Systems Technology, Vol 9, No. 4, July 2001. (“ <i>Rajamani</i> ”)
Exhibit 1027	U.S. Patent Application Publication No. 2013/0063336 (“ <i>Sugimoto</i> ”)
Exhibit 1028	Matthew McNaughton et al. “Motion Planning for Autonomous Driving with a Conformal Spatiotemporal Lattice.” 2011 IEEE International Conference on Robotics and Automation. May 9-13, 2011, Shanghai, China. (“ <i>McNaughton</i> ”)
Exhibit 1029	A. de la Escalera. “Traffic sign recognition and analysis for intelligent vehicles.” Image and Vision Computing 21 (2003) 247-258. (“ <i>Escalera</i> ”)
Exhibit 1030	“Surface Vehicle Information Report J3016.” SAE International. January 2014. (“ <i>J3016</i> ”)
Exhibit 1031	Intentionally Left Blank
Exhibit 1032	Intentionally Left Blank
Exhibit 1033	Intentionally Left Blank
Exhibit 1034	U.S. Patent No. 8,378,849 (“ <i>Chandra</i> ”)
Exhibit 1035	U.S. Patent No. 5,779,593 (“ <i>Takada</i> ”)
Exhibit 1036	U.S. Patent Application Publication No. 2013/0131907 (“ <i>Green</i> ”)
Exhibit 1037	Harding, J., Powell, G., R., Yoon, R., Fikentscher, J., Doyle, C., Sade, D., Lukuc, M., Simons, J., & Wang, J. (2014, August). “Vehicle-to-vehicle communications: Readiness of V2V technology for application.” (Report No. DOT HS 812 014). Washington, DC: National Highway Traffic Safety Administration. (“ <i>Harding</i> ”).
Exhibit 1038	Intentionally Left Blank
Exhibit 1039	Intentionally Left Blank
Exhibit 1040	U.S. Patent No. 10,139,824 (“ <i>Sako</i> ”)
Exhibit 1041	U.S. Patent No. 10,086,844 (“ <i>Coelingh</i> ”)
Exhibit 1042	U.S. Patent No. 9,475,491 (“ <i>Nagasaka</i> ”)
Exhibit 1043	U.S. Patent No. 8,305,444 (“ <i>Hada</i> ”)
Exhibit 1044	Intentionally Left Blank
Exhibit 1045	U.S. Patent Application Publication No. 2015/0158495 to Duncan et al. (“ <i>Duncan</i> ”)
Exhibit 1046	Intentionally Left Blank
Exhibit 1047	Intentionally Left Blank
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Exhibit 1049	U.S. Patent Application Publication No. 2016/0107655 to Desnoyer et al. (“ <i>Desnoyer</i> ”)
Exhibit 1050	U.S. Patent No. 9,242,647 to Tsimhoni et al. (“ <i>Tsimhoni-647</i> ”)
Exhibit 1051	California Vehicle Code 22108. https://leginfo.legislature.ca.gov/faces/codes_displaySection.xhtml?lawCode=VEH&sectionNum=22108 . Enacted by Stats. 1959, Ch. 3. (“ <i>22108</i> ”)
Exhibit 1052	Gorelick Law Offices. https://www.gorelick-law.com/california-vehicle-code-22108-vc-failure-to-signal-and-dui-arrests . (“ <i>Gorelick</i> ”)
Exhibit 1053	Green Car Congress. https://web.archive.org/web/20121128045732/https://www.green-carcongress.com/2012/11/mb-20121122.html . 28 November 2012. (“ <i>GCC</i> ”)
Exhibit 1054	Tesla Model S Owner’s Manual (“ <i>Model S Manual</i> ”)
Exhibit 1055	Mercedes-Benz. https://web.archive.org/web/20121122040727/https://emercedesbenz.com/autos/mercedes-benz/s-class/top-20-mercedes-benz-assistance-programs/ . November 2012. (“ <i>Mercedes2013</i> ”)
Exhibit 1056	Intentionally Left Blank
Exhibit 1057	Mercedes S-Class Operator’s Manual (“ <i>Mercedes S-Class Manual</i> ”)
Exhibit 1058	Disclosure of Asserted Claims <i>Granite Vehicle Ventures LLC v. Tesla, Inc.</i> , 2:24-cv-01007, No. 1 (E.D. Tex.)
Exhibit 1059	<i>Granite Vehicle Ventures LLC v. Tesla, Inc.</i> , 2:24-cv-01007, No. 97 (E.D. Tex. August 19, 2025), Notice of Broadened Sotera Plus Stipulation of Defendant Tesla, Inc.

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**CERTIFICATE OF SERVICE ON PATENT OWNER
UNDER 37 C.F.R. § 42.105**

Pursuant to 37 C.F.R. § 42.6(e), the undersigned certifies that on August 19, 2025, the foregoing *Petitioner's Updated Exhibit List and Exhibit 1059* were served via electronic filing with the Board and via Electronic Mail on the following counsel of record for Patent Owner:

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