

UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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TOYOTA MOTOR CORPORATION

Petitioner

Patent No. 6,772,057

Issue Date: Aug. 3, 2004

Title: VEHICULAR MONITORING SYSTEMS USING IMAGE PROCESSING

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**PETITION FOR *INTER PARTES* REVIEW  
OF U.S. PATENT NO. 6,772,057  
PURSUANT TO 35 U.S.C. § 312 and 37 C.F.R. § 42.104**

Case No. IPR2013-00419

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Exhibit 1001	U.S. Patent No. 6,772,057 to Breed
Exhibit 1002	U.S. Patent No. 6,553,130 to Lemelson
Exhibit 1003	File History of U.S. App. No. 08/105,304 to Lemelson
Exhibit 1004	U.S. Patent No. 5,245,422 to Borcherts
Exhibit 1005	U.S. Patent No. 5,214,408 to Asayama
Exhibit 1006	Japanese Unexamined Patent Application Publication H07-125567 to Watanabe
Exhibit 1007	Certified English Translation of Japanese Unexamined Patent Application Publication H07-125567 to Watanabe
Exhibit 1008	Pomerleau, Dean, "ALVINN: An Autonomous Land Vehicle in a Neural Network," Technical Report AIP-77, March 13, 1990
Exhibit 1009	Thorpe et al., "Vision and Navigation for the Carnegie-Mellon Navlab," Annual Review of Computer Science, 2:521-56, 1987
Exhibit 1010	Rombaut, M., "PRO-LAB2: A Driving Assistance System," Proceedings of the 1993 IEEE/Tsukuba International Workshop on Advanced Robotics, Tsukuba, Japan, Nov. 8-9, 1993
Exhibit 1011	Suzuki, et al., Driver Environment Recognition for Active Safety, Toyota Technical Review Vol. 43, No. 1 (Sept. 1993)
Exhibit 1012	Japanese Unexamined Patent Application Publication H06-124340 to Yamamura
Exhibit 1013	Certified English Translation of Japanese Unexamined Patent Application Publication H06-124340 to Yamamura

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- Exhibit 1014 File History of U.S. App No. 08/247,760 to Breed
- Exhibit 1015 Infringement Contentions of American Vehicular Sciences LLC with respect to U.S. Patent No. 6,772,057 in the litigation captioned *American Vehicular Sciences LLC v. Toyota Motor Corporation et al.*, 12-cv-00410 (E.D. Tex.)
- Exhibit 1016 Expert Declaration of Dr. Nikolaos Papanikolopoulos

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