

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

TOYOTA MOTOR CORPORATION

Petitioner,

v.

AMERICAN VEHICULAR SCIENCES LLC

Patent Owner.

Case IPR2013-00419

Patent 6,772,057

LISTING OF EXHIBITS

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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 |
| Exhibit 1013 (Substitute) | 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 <i>American Vehicular Sciences LLC v. Toyota Motor Corporation et al.</i> , 12-cv-00410 (E.D. Tex.) |
| Exhibit 1016 | Expert Declaration of Dr. Nikolaos Papanikolopoulos |
| Exhibit 1017 | Declaration of Thomas R. Makin |
| Exhibit 1018 | Declaration of Thomas R. Makin |
| Exhibit 1019 | Certified Copy of Japanese Unexamined Patent Application Publication JP H06-124340 to Yamamura issued by Japan Patent Office |
| Exhibit 1020 | English translation of Certification Page of Japanese Unexamined Patent Application Publication JP H06-124340 to Yamamura and associated affidavit attesting to the accuracy of the translation |
| Exhibit 1021 | Declaration of Shiina Akasaka |
| Exhibit 1022 | Transcript of the Deposition of Cris Koutsougeras |
| Exhibit 1023 | Reply Declaration of Dr. Nikolaos Papanikolopoulos |
| Exhibit 1024 | U.S. Patent No. 7,202,776 |
| Exhibit 1025 | Transcript of the Deposition of Dr. Nikolaos Papanikolopoulos |
| Exhibit 1026 | Errata Sheet to Transcript of the Deposition of Dr. Nikolaos Papanikolopoulos |
| Exhibit 1027 | Supplemental Declaration of Dr. Nikolaos Papanikolopoulos |
| Exhibit 1028 | Petitioner's Demonstrative Exhibit |
| Exhibit 1029 | Transcript of conference call held December 9, 2014 |

CERTIFICATE OF SERVICE

The undersigned hereby confirms that the foregoing *Listing of Exhibits* was served on December 12, 2014 via e-mail upon the following counsel of record for Patent Owner:

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