## 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 IPR2013-00424 Patent 5,845,000

LISTING OF EXHIBITS



## LISTING OF EXHIBITS

| Exhibit 1001              | U.S. Patent No. 5,845,000 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. 5,214,408 to Asayama  |
| Exhibit 1005              | Pomerleau, Dean, "Neural Networking Perception for<br>Mobile Robot Guidance," CMU-CS-92-115, AD-A249927,<br>February 16, 1992   |
| Exhibit 1006              | Japanese Unexamined Patent Application Publication JPH06-267303 to Mizukoshi  |
| Exhibit 1007              | Certified English Translation of Japanese Unexamined<br>Patent Application Publication JP-H06-267303 to<br>Mizukoshi  |
| Exhibit 1008              | Japanese Unexamined Patent Application Publication JP-S62-131837 to Yanagawa  |
| Exhibit 1009              | Certified English Translation of Japanese Unexamined<br>Patent Application Publication JP-S62-131837 to Yanagawa  |
| Exhibit 1009 (Substitute) | Certified English Translation of Japanese Unexamined<br>Patent Application Publication JP S62-131837 to Yanagawa  |
| Exhibit 1010              | File History of U.S. App. No. 08/247,760 to Breed   |
| Exhibit 1011              | U.S. Patent No. 6,772,057 to Breed  |
| Exhibit 1012              | Infringement Contentions of American Vehicular Sciences LLC with respect to U.S. Patent No. 5,845,000 in the litigation captioned <i>American Vehicular Sciences LLC v. Toyota Motor Corporation et al.</i> , 12-cv-00406 (E.D. Tex.) |
| Exhibit 1013              | Expert Declaration of Dr. Nikolaos Papanikolopoulos   |
| Exhibit 1014              | Declaration of Thomas R. Makin  |
|                           |   |



| Exhibit 1015 | Declaration of Thomas R. Makin   |
|--------------|--|
| Exhibit 1016 | Certified copy of Japanese Unexamined Patent Application<br>Publication JP-S62-131837 to Yanagawa issued by the<br>Japan Patent Office   |
| Exhibit 1017 | English translation of Certification Page of Japanese<br>Unexamined Patent Application Publication JP-S62-131837<br>Certification Issued by Japan Patent Office and associated<br>affidavit attesting to the accuracy of the translation |
| Exhibit 1018 | Declaration of Shiina Akasaka  |
| Exhibit 1019 | Transcript of the Deposition of Cris Koutsougeras  |
| Exhibit 1020 | Reply Declaration of Dr. Nikolaos Papanikolopoulos, Ph.D.  |
| Exhibit 1021 | U.S. Patent No. 7,202,776  |
| Exhibit 1022 | Transcript of the Deposition of Dr. Nikolaos<br>Papanikolopoulos   |
| Exhibit 1023 | Errata Sheet to Transcript of the Deposition of Dr.<br>Nikolaos Papanikolopoulos   |
| Exhibit 1024 | Petitioner's Demonstrative Exhibit   |
| Exhibit 1025 | 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:

Thomas J. Wimbiscus
Scott P. McBride
Christopher M. Scharff
twimbiscus@mcandrews-ip.com
smcbride@mcandrews-ip.com
cscharff@mcandrews-ip.com
AVS-IPR@mcandrews-ip.com
MCANDREWS HELD & MALLOY, LTD.
500 W. Madison St., 34th Floor
Chicago, IL 60661

Dated: December 12, 2014

/Matt Berkowitz/
Matt Berkowitz (Reg. No. 57,215)
Kenyon & Kenyon LLP
One Broadway
New York, NY 10004
Tel: 212-425-7200

Fax: 212-425-5288

