

**UNITED STATES PATENT AND TRADEMARK OFFICE**

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**BEFORE THE PATENT TRIALS AND APPEAL BOARD**

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SL CORPORATION  
Petitioner,

v.

ADAPTIVE HEADLAMP TECHNOLOGIES, INC.  
Patent Owner

*INTER PARTES* REVIEW OF U.S. PATENT NO. 7,241,034  
Case IPR No.: IPR2016-00193

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**PETITIONER'S REPLY  
TO PATENT OWNER'S RESPONSE TO PETITION**

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## UPDATED LIST OF EXHIBITS

- Exhibit 1001 U.S. Patent No. 7,241,034 (“the ‘034 patent”), entitled “Automatic Directional Control System for Vehicle Headlights,” issued on July 10, 2007 to James E. Smith, *et. al.*
- Exhibit 1002 November 6, 2015 Declaration of Harvey Weinberg (“Weinberg”)
- Exhibit 1003 March 23, 2012 Amendment D and Request for Reconsideration
- Exhibit 1004 December 18, 2012 Action Closing Prosecution
- Exhibit 1005 U.S. Patent 6,305,823 to Toda et al (“Toda”)
- Exhibit 1006 U.S. Patent 6,193,398 to Okuchi *et al* (“Okuchi”)
- Exhibit 1007 U.S. Patent 5,909,949 to Gotoh (“Gotoh”)
- Exhibit 1008 December 23, 2003 Office Action
- Exhibit 1009 March 25, 2004 Amendment
- Exhibit 1010 October 31, 2002 Utility Patent Application
- Exhibit 1011 June 15, 2004 Final Rejection
- Exhibit 1012 April 14, 2005 Non-Final Rejection
- Exhibit 1013 October 05, 2005 Final Rejection
- Exhibit 1014 October 06, 2006 Non-Final Rejection
- Exhibit 1015 January 10, 2007 Patentee’s Amendment
- Exhibit 1016 January 31, 2007 Interview Summary
- Exhibit 1017 July 09, 2010 Substitute Request for *Ex Parte* Reexamination of U.S. Patent No. 7,241,034
- Exhibit 1018 May 16, 2011 Request for *Inter Partes* Reexamination of U.S. Patent No. 7,241,034

- Exhibit 1019 GB Patent Application 2,309,774 to Takahashi (“Takahashi”)
- Exhibit 1020 June 23, 2011 Decision Granting Reexamination
- Exhibit 1021 February 23, 2012 Decision Merging Proceedings
- Exhibit 1022 GB Patent Application 2,309,773 to Uchida (“Uchida”)
- Exhibit 1023 American Heritage Dictionary definition of “controller”
- Exhibit 1024 Japanese Patent Application No. 09-151649 to Kato (“Kato”)
- Exhibit 1025 Japanese Patent Application No. 10-364667 to Fukuwa *et al.* (“Fukuwa”)
- Exhibit 1026 US Patent 6,229,263 to Izawa (“Izawa”)
- Exhibit 1027 US Patent 6,293,686 to Hayami *et al.* (“Hayami”)
- Exhibit 1028 June 24, 2016 Declaration of Adam Samansky
- Exhibit 1029 Suzuki SV650S Brochure
- Exhibit 1030 Dana Corporation Supplies Cooling Module For Harley-Davidsons First High-Volume Liquid-Cooled Motorcycle, DANA, Apr. 6, 2016, <http://dana.mediaroom.com/index.php?s=26450&item=68975>
- Exhibit 1031 Image of Suzuki Motorcycle
- Exhibit 1032 Honda GOLD WING GL1800 Owner’s Manual
- Exhibit 1033 Suzuki TL1000S Brochure
- Exhibit 1034 November 15, 2016 Deposition Transcript of Joseph Katona, (“Katona Dep.”)
- Exhibit 1035 November 21, 2016 Reply Declaration of Harvey Weinberg (“Weinberg Reply”)
- Exhibit 1036 September 25, 2003 Information Disclosure Statement
- Exhibit 1037 US Patent 3,939,339

Exhibit 1038	US Patent 4,024,388
Exhibit 1039	US Patent 4,833,573
Exhibit 1040	US Patent 4,868,720
Exhibit 1041	US Patent 4,870,545
Exhibit 1042	US Patent 5,158,352
Exhibit 1043	US Patent 5,426,571
Exhibit 1044	The Definition of Vehicle, Dictionary.Com, <a href="http://www.dictionary.com/browse/vehicle">http://www.dictionary.com/browse/vehicle</a> (last visited Nov. 4, 2016)
Exhibit 1045	Robert Bosch GmbH, Automotive Handbook 716-17 (Horst Bauer <i>et al.</i> eds., 5th ed. 2000)
Exhibit 1046	Koito Manufacturing Co., Ltd., 2002 Annual Report (Mar. 31, 2002)

## TABLE OF CONTENTS

I.	INTRODUCTION .....	1
II.	PATENT OWNER’S NARROWING CONSTRUCTION OF THE TERM “VEHICLE” IMPROPERLY EXCLUDES CERTAIN LAND VEHICLES .....	4
III.	KATO IS ANALAGOUS ART IN THE SAME FIELD OF INVENTION AS THE ‘034 PATENT .....	8
	A. Kato is pertinent to the problem addressed by the ‘034 patent and is in the same field of endeavor .....	9
	B. The solutions provided by Kato and the ‘034 patent are similar .....	12
IV.	THERE WAS AMPLE MOTIVATION TO COMBINE KATO’S AXIS CONTROL WITH TAKAHASHI’S THRESHOLD .....	13
	A. A POSITA would be motivated to combine Kato with Takahashi .....	14
	B. Kato does not teach away from Takahashi .....	15
	C. Modifying Kato in view of Takahashi would have a predictable result .....	16
V.	KATO AND TAKAHASHI DISCLOSED ALL THE ELEMENTS OF INDEPENDENT CLAIM 7 .....	21
	A. Takahashi disclosed the threshold limitation .....	21
	B. Patent Owner does not contest that the remaining elements of Claim 7 are met by Kato .....	24
VI.	PATENT OWNER DOES NOT ADDRESS DEPENDENT CLAIMS 8-10, 12-21, 23, 24, AND 28-39 .....	24
VII.	CONCLUSION .....	25

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