EXHIBIT 1001

EXHIBIT LIST

TRW Automotive U.S. LLC: EXHIBIT 1001
PETITION FOR *INTER PARTES* REVIEW
OF U.S. PATENT NUMBER 8,599,001
IPR2015-00436

EXHIBIT 1001

Table 1: Exhibit List

Ex. No.	Ex. No. in IPR2015-00437	Ex. No. in IPR2015-00438	Ex. No. in IPR2015-00439	Description
Ex. List (Ex. 1001)	1101	1201	1301	This Exhibit List
'001 Patent (Ex. 1002)	1102	1202	1302	U.S. Patent No. 8,599,001 for *Vehicular Vision System,* issued to Schofield *et al.* on December 3, 2013.
'001 FH (Ex. 1003)	1103	1203	1303	Prosecution History File Wrapper of U.S. Patent No. 8.599,001
Vellacott (Ex. 1004)	1104	1204	1304	Vellacott, Oliver, "CMOS in Camera," IEE Review, pp. 111-114 (May 1994)
Kenue (Ex. 1005)	1105	1205	1305	U.S. Pat. No. 4,970,653 issued to Kenue on Nov. 13, 1990

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Yanagawa (Ex. 1006)	1106	1206	1306	Japanese Kokai Application for *Travelling Vehicle Recognition Device*, by Yanagawa *et al.*, No. S62-131837, published June 15, 1987, together with certified translation.
Venturello (Ex. 1107)	1107	1207	1307	European Pat. Appl. No. 0 353 200 published Jan. 31, 1990 to Venturello
Schofield (Ex. 1108)	1108	1208	1308	U.S. Pat. No. 4,930,742 issued to Schofield on June 5, 1990
Denyer (Ex. 1009)	1109	1209	1309	PCT Pub. No. WO 93/11631, published June 10, 1993
Bottesch (Ex. 1010)	Intentionally Left Blank	Intentionally Left Blank	Intentionally Left Blank	U.S. Pat. No. 5,166,681 issued to Bottesch on Nov. 24, 1992
Miller Dec. (Ex. 1011)	1111	1211	1311	Expert Declaration of Jeffrey A. Miller
(Ex 1012)	n/a	n/a	n/a	Original Transcript of Board Telephone Conference Hearing (January 12, 2016)

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(Ex 1013)	n/a	n/a	n/a	G. Moore, "Cramming more components onto integrated circuits," Electronics, Vol. 38, No. 8, April 19, 1965
(Ex 1014)	n/a	n/a	n/a	*Curriculum Vitae* of Lester J. Kozlowski
(Ex 1015)	n/a	n/a	n/a	L. Kozlowski *et al.*, "2.5µm PACE-I HgCdTe 1024x1024 FPA," Proc. IRIS Detector Specialty, August 1994
(Ex 1016)	n/a	n/a	n/a	Business Wire, "Rockwell Scientific and UMC Develop Ultra Large Readout IC for Infrared Astronomy," Aug. 22, 2002

(Ex 1017)	n/a	n/a	n/a	J. Beletic, "Exotic Imaging: IR focal plane arrays enable imaging that is out of this world," Laser Focus World, October 2007
(Ex 1018)	n/a	n/a	n/a	P. Noble, "Self-Scanned Silicon Image Detector Arrays," IEEE Trans. ED, Vol. ED-15, No. 4, April 1968
(Ex 1019)	n/a	n/a	n/a	P. Fry and P. Noble, "Fixed Pattern Noise in Photomatrices," IEEE JSSC, Vol. SC-5, No.5, Oct. 1970
(Ex 1020)	n/a	n/a	n/a	V. Graefe, "Vision for Intelligence Road Vehicles"
(Ex 1021)	n/a	n/a	n/a	J.D. Plummer and J.D. Meindl, "A Low Light Level Self-Scanned MOS Image Sensor," ISSCC72, Feb. 1972

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