Declaration of Dr. Jose Sasian In Support Of Petition for *Inter Partes* Review of USP 8,267,534

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re <i>Inter Partes</i> Review of:)
U.S. Patent No. 8,267,534)
Issued: September 18, 2012)
Application No.: 13/336,018)

For: Exterior Rearview Mirror Assembly

FILED VIA E2E

DECLARATION OF DR. JOSE SASIAN IN SUPPORT OF PETITION FOR *INTER PARTES* REVIEW OF U.S. PATENT NO. 8,267,534



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		2. International Pub. No. WO 2001/81956 ("Platzer")			
	C.	Background Evidence			
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Λ.	Claims 1-20 OF THE '534 PATENT are ANTICIPATED BY the '026 Publication				
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	11.	1. Preamble, [a], [b]			
		2. [c] A Single Mirror Support			
		3. [d], [e] Mirrors			
	В.	Independent Claim 7			
	ъ.	1. Claim elements 7[a]-[e]			
		2. [f] Primary mirror includes a flat glass substrate			
	C.	Independent Claim 13			
	C.	1. Preamble, 13[a]-[e]			
		2. [f] Spotting Mirror Angle			
	D.	Claims 2, 8 and 14 - single mirror support			
	Б. Е.	Claims 3, 4, 9, 10, 15, and 16 – backing plate matches			
	L.	mirrors	68		
	F.	Claims 5, 11, 17: forward spotting mirror			
	G.	Claims 6, 12, 18: rearward spotting mirror			
	Н.	Claim 19 - second field of view			
	I.	Claim 20 - spotting mirror angle			
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	A.	Claim 13	75		
		1. Preamble, [a] Bracket	75		
		2. [b] Mirror Casing			
		3. [c] Mirror Support			
		4. [d] Primary Mirror			
		5. [e] Spotting Mirror			
		6. [f] Angled			
		7. [g] Flat Glass Substrate			



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I. INTRODUCTION AND QUALIFICATIONS

- 1. I have been retained by SMR Automotive Systems USA Inc. ("SMR") to provide my opinion concerning the validity of U.S. Patent No. 8,267,534 (attached to the accompanying Petition and henceforth referred to as "the '534 patent") in support of SMR's Petition for *Inter Partes* Review of U.S. Patent No. 8,267,534.
- 2. I have extensive academic and industry experience with optical engineering. Specifically, I have over thirty years of academic and industry experience in the field of optical sciences and optical engineering in general, including optical instrumentation, optical design, and optical fabrication and testing.
- 3. I am currently a full-time, tenured Professor of Optical Sciences at the College of Optical Sciences at the University of Arizona in Tucson, Arizona, a position I have held since 2002. As a professor, I teach and perform research in the field of optical design. For example, I teach my students how to design lenses and mirrors and how to think about light so that they can design useful optical systems.
- 4. As part of my academic and research responsibilities I am frequently involved with the design, fabrication, and testing of optical devices. Prior to receiving tenure, I was an Associate Professor of Optical Sciences at the



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