IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent of:	Slepian et al.	
U.S. Patent No.:	5,954,781	Attorney Docket No.: 43930-0004IP1
Issue Date:	Sep. 21, 1999	
Appl. Serial No.:	08/813,270	
Filing Date:	March 10' 1997	
Title:	METHOD AND APPARATUS FOR OPTIMIZING VEHICLE OPERATION	

DECLARATION OF MR. SCOTT ANDREWS

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I. Introduction

I, Scott Andrews, declare as follows:

1. I have been retained on behalf of Unified Patents, Inc. to offer technical opinions relating to U.S. Patent No. 5,954,781 (the '781 Patent), and prior art references relating to its subject matter.

II. Qualifications

2. My name is Scott Andrews. I am currently a consultant for Cogenia Partners, LLC, focusing on systems engineering, business development and technical strategy supporting automotive and information technology. I have been in this position since 2001. My consulting engineering engagements generally relate to advanced vehicle technologies and systems. For example, I recently served as the technical lead on a project funded by the National Highway Traffic Safety Administration (NHTSA) to develop requirements for connected vehicle safety systems in preparation for NHTSA regulations governing such systems. I have also served as a technical consultant on multiple projects sponsored by the Federal Highway Administration (FHWA) related to connected vehicle technology research. Several of these projects included extensive work with vehicle interfaces and vehicle systems, including the collection and use of safety information, engine operational information and other vehicle information.

3. I have over 30 years of professional experience in the field of automotive technologies and systems, including vehicle information systems and vehicle safety and control systems. Further, I have authored numerous published technical papers and am a named inventor on 13 U.S. and foreign patents.

4. I received a Bachelor of Science degree in Electrical Engineering from University of California, Irvine in 1977 and a Master of Science degree in Electronic Engineering from Stanford University in 1982. From 1977 to 1979, I worked at Ford Aerospace where I designed, tested and delivered microwave radar receiver systems. From 1979 to 1983, I worked at Teledyne Microwave, where I developed high reliability microwave components and developed CAD tools. From 1983 to 1996, I worked at TRW, Inc., where I held various positions. From 1983 to 1985, I was a Member of the technical staff and a Department Manager in the Space Electronics sector. Between 1985 and 1990 I was a project manager working on various communications systems projects including the U.S. Department of Defense Advanced Research Projects Administration (ARPA) MIMIC Program. Between 1990 and 1993 I was the Manager of MMIC (monolithic-microwave-integrated-circuit) Products Organization. In this role, I developed business strategy and managed customer and R&D programs. During this time, I also developed the first single chip 94 GHz Radar, used for automotive cruise control and anti-collision systems. In 1993 I transferred to the TRW Automotive Electronics Group, and managed about 30 engineers

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