

Filed on behalf of: IPR LICENSING, INC.

Entered: January 6, 2015

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UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

ZTE CORPORATION AND ZTE (USA) INC.
Petitioner

V.

IPR LICENSING, INC.
Patent Owner

Case IPR2014-00525
Patent 8,380,244

Before SALLY C. MEDLEY, MIRIAM L. QUINN, and
BEVERLY M. BUNTING, *Administrative Patent Judges*.

DECLARATION OF DR. WAYNE E. STARK

IPR Licensing, Inc. Exhibit 2005

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I. INTRODUCTION

1. My name is Dr. Wayne E. Stark. I have been retained by InterDigital Communications, Inc., InterDigital Technology Corporation, IPR Licensing, Inc., and InterDigital Holdings, Inc. (collectively, “InterDigital”) and have been asked to prepare this declaration (the “Declaration”) in connection with the *Inter Partes* Review of U.S. Patent No. 8,380,244 (this “IPR”).

2. I have been asked to investigate and opine on issues relating to the validity of U.S. Patent No. 8,380,244 (the “244 Patent”), including the Petition filed by ZTE and the Declaration of Dr. Harry Bims in support of that Petition.

3. I expect to be available for deposition and available to testify at the evidentiary hearing in this IPR. I expressly reserve the right to offer opinions at the evidentiary hearing and/or in one or more supplemental reports on subjects raised in my deposition, as well as on subjects raised in the deposition of ZTE’s expert or by ZTE’s expert at the evidentiary hearing.

4. This Declaration is based on information currently available to me. I reserve the right to continue my investigation and study—including but not limited to reviewing documents and information produced or identified subsequent to this Declaration. I further reserve the right to expand, modify, and/or supplement my opinions as my investigation and study continues in response to any additional information that becomes available to me, any matters raised by ZTE, and/or

opinions provided by ZTE's expert(s), or in light of any relevant orders from the PTAB, or any other individual or authoritative body.

5. Throughout this Declaration, I may cite to certain documents or testimony that support my opinions. These citations are non-exhaustive examples. Citation to documents or testimony is not intended to signify that my conclusions or opinions are limited by or based solely on the cited sources.

6. I reserve the right to use animations, demonstratives, demonstrations, enlargements of real exhibits, physical evidence, and other devices at the evidentiary hearing in this Investigation.

II. QUALIFICATIONS

7. I received a Bachelor of Science degree in 1978, a Master of Science in 1979 and a Ph.D. in 1982, all in Electrical Engineering, and all from the University of Illinois. Since that time I have been at the University of Michigan where I am a Professor of Electrical Engineering and Computer Science.

8. I received the Presidential Young Investigator Award in 1985 from the National Science Foundation.

9. I was named a Fellow of the IEEE in 1997 for contributions to coding and modulation for spread-spectrum systems. I received the 2002 Military Communications Conference (MILCOM) Technical Achievement Award.

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