

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

SPRINT SPECTRUM L.P., CELLCO PARTNERSHIP D/B/A VERIZON WIRELESS,
AND AT&T MOBILITY LLC
Petitioners

v.

ADAPTIX, INC.
Patent Owner

Case No. TBD
Patent 8,934,375

DECLARATION OF RICHARD D. GITLIN, Sc.D.

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I. INTRODUCTION

A. Background and Qualifications

1. My name is Richard D. Gitlin. I am currently a State of Florida 21st Century Scholar, Distinguished University Professor, and the Agere Systems Chaired Professor of Electrical Engineering at the University of South Florida (“USF”). I have more than 45 years of experience in the field of communications and wireless communications in particular. Throughout my career, I have managed and led research in wireline and wireless systems, broadband and optical networking, multimedia communications, and access technologies. My curriculum vitae is attached as Appendix B.

2. I have a Bachelor’s Degree (with honors) in electrical engineering from the City College of New York and a Master of Science in electrical engineering and a Doctorate in engineering science from Columbia University.

3. After receiving my Doctorate from Columbia University in 1969, I joined Bell Laboratories (“Bell Labs”), which at the time was part of the Bell System, and successively became AT&T Bell Labs, and then Lucent Technologies-Bell Labs (which is now Nokia Bell Labs). I was with Bell Labs in its various instantiations for 32 years. My first assignment was in the data communications (“modem”) area and, during this time, I contributed to the invention of many key modem technologies. I was also involved in the product

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