

# Exhibit 1

**IN THE UNITED STATES DISTRICT COURT  
FOR THE EASTERN DISTRICT OF MICHIGAN SOUTHERN DIVISION**

In Re Neo Wireless, LLC  
Patent Litigation

2:22-MD-03034-TGB  
Hon. Terrence G. Berg

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**DECLARATION OF DR. ROBERT AKL, D.Sc., IN SUPPORT OF  
DEFENDANTS' RESPONSIVE CLAIM CONSTRUCTION BRIEF**

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I, Robert Akl, D.Sc. of Dallas, Texas, declare that:

## **I. INTRODUCTION**

1. I am over the age of 18 and am competent to make this declaration. I have personal knowledge, or have developed knowledge of these technologies based upon education, training, or experience, of the matters set forth herein. If called upon to do so, I would testify competently thereto.

2. I have been retained as an expert witness to address certain technical issues presented in the claim construction proceedings of this matter.

3. I have been informed that there are 6 patents-at-issue in the above captioned litigation. Those patents are U.S. Patent Nos. 8,467,366 (“366 patent”), 10,833,908 (“908 patent”), 10,447,450 (“450 patent”), 10,075,941 (“941 patent”), 10,771,302 (“302 patent”), and 10,965,512 (“512 patent”) (collectively, “Patents-in-Suit”). I have reviewed and analyzed these Patents-in-Suit.

4. I have been asked to provide opinions regarding how a person having ordinary skill in the art (“POSITA”) would understand certain terms of the asserted claims of the Patents-in-Suit.

5. This declaration contains statements of my opinions formed to date and the bases and reasons for those opinions. I may offer additional opinions based on further review of materials in this case, including opinions and/or testimony of other expert witnesses.

6. For time spent in connection with study and analysis in this matter, I am compensated in the amount of \$850 per hour. My compensation does not depend on the outcome of this case or any issue related to it. I have no financial interest in this matter. The opinions contained in this declaration are mine and based upon my education, knowledge, research and experience, and study of the materials discussed below.

## II. QUALIFICATIONS AND PROFESSIONAL EXPERIENCE

7. I am an expert in the field of wireless telecommunication systems. I have studied, taught, practiced, and researched this field for over 28 years. I have summarized in this section my educational background, work experience, and other relevant qualifications. A true and accurate copy of my curriculum vitae is attached as **Appendix A** to this declaration.

8. I earned two Bachelor of Science degrees in Electrical Engineering and Computer Science *summa cum laude* with a grade point average of 4.0/4.0 and a ranking of first in my undergraduate class from Washington University in St. Louis in 1994. In 1996, I earned my Master of Science degree in Electrical Engineering from Washington University in St. Louis with a grade point average of 4.0/4.0. I earned my Doctor of Science in Electrical Engineering from Washington University in St. Louis in 2000, again with a grade point average of 4.0/4.0, with my dissertation being on “Cell Design to Maximize Capacity in Cellular Code Division

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