

UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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GOOGLE LLC,  
Petitioner,

v.

FLYPSI, INC.,  
Patent Owner.

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Case IPR2023-00361  
Patent 10,051,105

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**DECLARATION OF DR. ROBERT AKL  
IN SUPPORT OF PATENT OWNER'S RESPONSE**

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I, Robert Akl, D.Sc. of Dallas, Texas, hereby state and declare:

## **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 my education, training, and/or experience, of the matters set forth herein. If called upon to do so, I would testify competently thereto.

2. I have been retained by counsel for Patent Owner Flypsi, LLC (“Flypsi”) in the above matter. I am submitting this Declaration in response to the Petition for *Inter Partes* Review for U.S. Patent 10,051,105 (“’105 Patent”) and in rebuttal to the declaration of Dr. Lin. Specifically, I have been asked to consider the validity of claims 1-11 of the ’105 Patent (the “Challenged Claims”) in view of prior art, obviousness considerations, and understanding of a person of ordinary skill in the art (“POSITA”) at the time of the invention as it relates to the ’105 Patent.

## **II. BACKGROUND AND QUALIFICATIONS**

3. I am an expert in the field of 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. Exhibit 2011 is a true and correct copy of my *curriculum vitae* describing my background and experience.

4. I earned two Bachelor of Science degrees in Electrical Engineering and

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