

IPR2020-01265
U.S. Patent No. 7,110,444
Patent Owner's Response

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

Intel Corporation

Petitioner

v.

ParkerVision, Inc.

Patent Owner

U.S. Patent No. 7,110,444

Issue Date: September 19, 2006
Title: WIRELESS LOCAL AREA NETWORK
(WLAN) USING UNIVERSAL FREQUENCY
TRANSLATION TECHNOLOGY INCLUDING
MULTI-PHASE EMBODIMENTS AND
CIRCUIT IMPLEMENTATIONS

Inter Partes Review No. IPR2020-01265

DECLARATION OF DR. MICHAEL STEER

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I have personal knowledge of the facts set forth in this declaration and, if called to testify as a witness, would testify under oath as follows:

I. BACKGROUND

1. I have been retained as an expert on behalf of ParkerVision, Inc. (“ParkerVision”) in the above-captioned matter (IPR2020-01265).

2. I have been asked by ParkerVision to provide my expert opinion regarding the validity of claim 3 of U.S. Patent No. 7,110,444 (“the ’444 patent”). For the reasons set forth below, it is my opinion that claim 3 of the ’444 patent is valid.

II. PROFESSIONAL QUALIFICATIONS

3. I am the Lampe Distinguished Professor of Electrical and Computer Engineering at North Carolina State University.

4. I received my Bachelor of Engineering with Honors (B.E. Hons) and Ph.D. in Electrical Engineering from the University of Queensland, Brisbane, Australia, in 1976 and 1983 respectively.

5. I was a pioneer in the modeling and simulation of nonlinear radio frequency and microwave circuits. To put this in perspective, the first commercial cellular phone became available in 1983, and in that same year, I began teaching classes in radio frequency circuit design. Specifically, I joined the Electrical Engineering Department at North Carolina State University, Raleigh, North

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