UNITED STATES PATENT AND TRADEMARK OFFICE
BEFORE THE PATENT TRIAL AND APPEAL BOARD
LG ELECTRONICS INC.,
Petitioners,
V.
PARKERVISION, INC.,
Patent Owner.
Case IPR2022-00246
U.S. Patent No. 7,292,835

DECLARATION OF DEAN P. NEIKIRK, PH.D. REGARDING U.S. PATENT NO. 7,292,835



I, Dean P. Neikirk, Ph.D., do hereby declare and state, that all statements are made herein of my own knowledge are true and that all statements made on information and belief are believed to be true. I am over the age of 21 and am competent to make this declaration. These statements were made with the knowledge that willful false statements are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code.

Dated: December 17, 2021

Dean P. Neikirk, Ph.D.

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			(b)	Element [1A]: "an oscillator to generate an in-phase oscillating signal"	71		
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(d)	Element [1C]: "a first frequency down-conversion module to receive the electromagnetic signal and said in-phase oscillating signal"
(e)	Element [1D]: "a second frequency down-conversion module to receive the electromagnetic signal and said quadrature-phase oscillating signal"
(f)	Element [1E]: "wherein said first frequency down-conversion module further comprises a first frequency translation module"
(g)	Element [1F]: "and a first storage module"78
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electr	17: "The cable modem of claim 1, wherein the omagnetic signal has been transmitted by a wireless od to the cable modem."



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