

UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT TRIAL AND APPEAL BOARD

APPLE INC.,
Petitioner

v.

TELEFONAKTIEBOLAGET LM ERICSSON

Patent Owner

Case No. IPR2022-00464

Patent No. 10,193,600

DECLARATION OF DR. MURIEL MÉDARD, Sc.D
IN SUPPORT OF PATENT OWNER'S PRELIMINARY RESPONSE

ERICSSON EXHIBIT 2001

Apple Inc. v. Telefonaktiebolaget LM Ericsson

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I. INTRODUCTION

1. My name is Dr. Muriel Médard. I make this declaration based upon my own personal knowledge and, if called upon to testify, would testify competently to the matters contained herein.

2. I have been asked to provide technical assistance in the inter partes review of U.S. Patent No. 10,193,600, which I may abbreviate as “the ’600 Patent.” Ex. 1001. This declaration is a statement of my opinions on issues related to the unpatentability of claims of the ’600 Patent. I am being compensated at my normal rate of \$600 per hour for my analysis, plus reimbursement for expenses. My compensation does not depend on the content of my opinions or the outcome of this proceeding.

II. EXPERIENCE AND QUALIFICATIONS

3. I am an independent consultant. In forming my opinions, I have relied on my knowledge and experience in designing, developing, researching, and teaching in the areas of networking, wired and wireless systems, and communications engineering. While I am not an attorney and offer no legal opinions, in the course of my work, I have had experience studying and analyzing patents and patent claims from the perspective of a person having ordinary skill in the art. I am over 18 years of age and, if I am called upon to do so, I would be competent to testify

as to the matters set forth herein.

4. My curriculum vitae (CV), which includes a more detailed summary of my background, experience, patents, designs, and publications, is included as Exhibit 2002. In the last four years, I have testified in the matter of *Shichinin, LLC v. Sprint Corp.*, No. 1:21-cv-00483 (D. Hawaii).

5. I received a Bachelor of Science in Electrical Engineering and Computer Science (1989), a Bachelor of Science in Mathematics (1989), a Master of Science degree in Electrical Engineering (1990), and a Bachelor of Science in Humanities (1991), all from the Massachusetts Institute of Technology (MIT). In 1995, I also received a Doctorate of Science in Electrical Engineering from MIT. In the United States and abroad, a Doctorate of Science (Sc.D.) in Electrical Engineering is at least equivalent in training, mastery level, and prestige to a Doctorate of Philosophy (Ph.D.) in Electrical Engineering.

6. I have extensive industry and academic experience related to the field of communications, including wireless communications. Specifically, I have over 30 years of academic and industry experience in the design, modeling, and development of computer networking devices, including optical networks and protocols.

7. After graduating from MIT with a Sc.D. in 1995, I worked as a staff

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