

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

SNAP, INC.
Petitioner

v.

BLACKBERRY LIMITED
Patent Owner

Case IPR2019-00938
Patent 8,209,634

DECLARATION OF RAJEEV SURATI, PH.D.

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I, Rajeev Surati, Ph.D., of Cambridge, Massachusetts, declare that:

I. INTRODUCTION AND SCOPE OF WORK

1. I have been retained by Patent Owner BlackBerry Limited in the above-captioned *Inter Partes* Review (IPR) as an independent expert in the relevant field.

2. I have been asked to provide my independent analysis regarding the references identified by petitioner Snap, Inc. (“Petitioner”) in this IPR related to U.S. Patent 8,209,634 (“the ’634 patent”), which is assigned to Patent Owner. I have been asked to consider what one of ordinary skill in the art before the priority date of the ’634 patent would have understood from the ’634 patent, including scientific and technical knowledge related to the ’634 patent. I have also been asked to consider whether the references relied on by Petitioner disclose or render obvious the inventions claimed by the ’634 patent.

3. I understand that this proceeding is currently in a preliminary stage, and no IPR has yet been instituted. I have been asked to present my independent analysis with respect to certain issues relevant to the question of whether IPR should be instituted. I understand that I may be asked to present my complete analysis at a later date (if IPR is instituted), but the complete analysis is not necessary at this time. Accordingly, my independent analysis for relevant issues is set forth below.

4. My analysis is directed by my education, training, and experience as a person of ordinary skill in the art as of the priority date of the '634 patent, which for purposes of my analysis here is assumed to be the effective filing date of the '634 patent—December 1, 2003.

5. I am being compensated for my work in connection with this IPR proceeding at my standard hourly rate. My compensation is not in any way contingent on the substance of my opinions or the outcome of these proceedings.

II. SUMMARY OF OPINIONS

6. Based on my experience and expertise, discussed below, and my review of the references identified by Petitioner in this IPR for the '634 patent, it is my opinion that the cited references do not render obvious at least claims 1, 4-7, 10-13, and 16-18 of the '634 patent.

III. BACKGROUND AND QUALIFICATIONS

7. I have more than twenty (20) years of experience in electrical engineering, computer science, and electronic messaging. The following paragraphs summarize some of my experience that is relevant to the technologies described within the '634 patent. For further details, please refer to my *curriculum vitae* which is attached as Appendix A.

8. I attended the Massachusetts Institute of Technology (MIT) from 1988 to 1999, during which time I earned Bachelor of Science (1992), Master of

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