

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

United States Patent No: 8,434,020	§	
Inventor: Mathieu Kennedy Martyn	§	Attorney Docket No.:
Formerly Application No.: 10/343,333	§	104677-5016-652
Issue Date: April 30, 2013	§	
Filing Date: August 27, 2003	§	Customer No.: 28120
Former Group Art Unit: 2175	§	Petitioner: Apple Inc.
Former Examiner: VU, THANH T	§	
Patent Owner: Core Wireless Licensing	§	
S.A.R.L.	§	
	§	

For: COMPUTING DEVICE WITH IMPROVED USER INTERFACE FOR APPLICATIONS

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**DECLARATION OF DR. BRAD A. MYERS IN SUPPORT OF PETITION
FOR INTER PARTES REVIEW OF
UNITED STATES PATENT NO. 8,434,020**

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	B. <u>Ground 1</u> : Claims 1, 2, 6, 8, 10-11, 13, and 16 are obvious under § 103 over Schnarel in view of the knowledge of a POSITA; <u>Ground 2</u> : Claims 1, 2, 6, 8, 10-11, 13, and 16 are obvious under § 103 over Schnarel in view of Aberg; <u>Ground 3</u> : Claim 6 is obvious under § 103 over Schnarel in view of the knowledge of a POSITA and Yurkovic; <u>Ground 4</u> : Claim 6 is obvious under § 103 over Schnarel in view of Aberg and Yurkovic.....	32
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	C. <u>Ground 5</u> : Claims 1, 2, 6, 8, 10, 13, and 16 are obvious under § 103 over Nason; <u>Ground 6</u> : Claims 1, 2, 6, 8, 10-11, 13, and 16 are obvious under § 103 over Nason in view of the knowledge of a POSITA; <u>Ground 7</u> : Claim 6 is obvious under	

§ 103 over Nason in view of Yurkovic; Ground 8: Claim 6 is obvious under § 103 over Nason in view of Yurkovic and the knowledge of a POSITA; Ground 9: Claim 11 is obvious under § 103 over Wagner in view of Nason; Ground 10: Claim 11 is obvious under § 103 over Wagner in view of Nason and the knowledge of a POSITA.66

1. Claim 166

2. Claim 277

3. Claim 678

4. Claim 881

5. Claim 1082

6. Claim 1183

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VIII. Conclusion92

Appendix A

Appendix B

I, Dr. Brad A. Myers, hereby declare under penalty of perjury under the laws of the United States of America:

I. INTRODUCTION

1. I have been retained to provide assistance regarding U.S. Patent No. 8,434,020 (“the ’020 patent”). Attached hereto as Appendix A is a true and correct copy of my Curriculum Vitae describing my background and experience. I have personal knowledge of the facts and opinions set forth in this declaration, and believe them to be true. If called upon to do so, I would testify competently thereto. I have been warned that willful false statements and the like are punishable by fine or imprisonment, or both.

II. BACKGROUND AND QUALIFICATIONS

2. I am a Professor in the Human-Computer Interaction Institute, which is part of the School of Computer Science at Carnegie Mellon University (“CMU”) in Pittsburgh, Pennsylvania. My areas of concentration include, among others, user interface design and software, mobile devices, computer programming environments, visual programming, and intelligent interfaces.

3. I have been working in the field of user interfaces (also called Human Computer Interaction or “HCI”) for more than 30 years, and I am the author or editor of more than 450 publications in this field. I have been on the editorial board of six journals, including the premier journals in the field of HCI. I have been a

consultant on user interface design and implementation for more than 75 companies.

4. I received a Bachelor of Science in Computer Science and Engineering and Master of Science in Computer Science from the Massachusetts Institute of Technology (“MIT”) in 1980. While at MIT, I was a research intern at the Xerox Palo Alto Research Center (“Xerox PARC”). I received my Doctorate in Computer Science from the University of Toronto in 1987. I worked at the Three Rivers Computer Corporation (later renamed Perq Systems Corporation) from 1980 to 1983, where I designed and implemented software, including one of the first commercial software programs for controlling the appearance and location of windows in a graphical user interface (known today as “window managers”).

5. Over the course of my career, I have authored multiple articles relating to, among other subjects, mobile computing, mobile phone user interfaces, web browsing on mobile devices, email messaging, user interface software, window management, visualization, intelligent interfaces, and novel interaction techniques. In recognition of my contributions to research, I was selected as a Fellow of the Association for Computing Machinery (“ACM”) in 2005, a Fellow of the Institute of Electrical and Electronics Engineers (“IEEE”) in 2013, and elected to the “CHI Academy” by the Special Interest Group on Computer-Human Interaction (“SIGCHI”) of the ACM in April 2004, as one of the top 25 “principal leaders of

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