

Declaration of Markus Jakobsson, Ph.D. in Support of  
Petition for *Inter Partes* Review of  
U.S. Patent No. 8,442,489

UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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MOBILEIRON, INC.,  
Petitioner,

v.

BLACKBERRY LIMITED,  
Patent Owner

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Case No. IPR2021-00162  
U.S. Patent No. 8,442,489  
Issue Date: May 14, 2013

Title: SYSTEM AND METHOD FOR CONFIGURING DEVICES FOR SECURE OPERATIONS

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**DECLARATION OF MARKUS JAKOBSSON, PH.D. IN SUPPORT OF  
PETITION FOR *INTER PARTES* REVIEW OF U.S. PATENT NO. 8,442,489**

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## TABLE OF CONTENTS

<b>I.</b>	<b>QUALIFICATIONS</b> .....	1
<b>A.</b>	<b>Materials Considered</b> .....	5
<b>II.</b>	<b>LEGAL PRINCIPLES</b> .....	7
<b>A.</b>	<b>Prior Art</b> .....	7
<b>B.</b>	<b>Claim Construction</b> .....	7
<b>C.</b>	<b>Anticipation</b> .....	10
<b>D.</b>	<b>Obviousness</b> .....	11
<b>III.</b>	<b>LEVEL OF ORDINARY SKILL IN THE ART</b> .....	12
<b>IV.</b>	<b>THE '489 PATENT</b> .....	13
<b>A.</b>	<b>Overview of the '489 Patent</b> .....	13
<b>B.</b>	<b>Prosecution History</b> .....	17
<b>C.</b>	<b>The Challenged Claims</b> .....	20
<b>V.</b>	<b>APPLICATION OF THE PRIOR ART TO ASSERTED CLAIMS</b> .....	24
<b>A.</b>	<b>Brief Summary of Prior Art</b> .....	24
1.	<b>Ground 1 Prior Art</b> .....	24
2.	<b>Ground 2 Prior Art</b> .....	29
3.	<b>Ground 3 Prior Art</b> .....	31
<b>B.</b>	<b>GROUND 1: Claims 1, 4, 5, 10, 15-18, 22 and 23 Are Anticipated         by Mann</b> .....	32
1.	<b>Independent Claim 1</b> .....	32
2.	<b>Claim 4</b> .....	62

3.	Claim 5 .....	65
4.	Independent Claim 10 .....	68
5.	Claim 15 .....	82
6.	Claim 16 .....	83
7.	Independent Claim 17 .....	84
8.	Claim 18 .....	88
9.	Claim 22 .....	89
10.	Claim 23 .....	90
<b>C.</b>	<b>GROUND 2: Claims 1, 4, 5, 7, 10-20, 22, and 23 Are Unpatentable as Obvious over Mann in View of Kaplan.....</b>	<b>91</b>
1.	Motivation to Combine Mann and Kaplan .....	91
2.	Independent Claim 1 .....	94
3.	Claims 4 and 5.....	98
4.	Claim 7.....	99
5.	Independent Claim 10.....	100
6.	Claim 11 .....	101
7.	Claim 12.....	104
8.	Claim 13 .....	105
9.	Claim 14.....	107
10.	Claims 15 and 16.....	108
11.	Independent Claim 17.....	108
12.	Claim 18 .....	109
13.	Claim 19.....	109

14.	Claim 20 .....	110
15.	Claim 22 .....	111
16.	Claim 23 .....	112
<b>D.</b>	<b>GROUND 3: Claims 2, 3, 6, 8, 9, and 21 Are Unpatentable as Obvious over Mann in View of S/MIME-Profile .....</b>	<b>112</b>
1.	Motivation to Combine Mann and S/MIME-Profile .....	112
2.	Claim 2 .....	118
3.	Claim 3 .....	120
4.	Claim 6 .....	120
5.	Claim 8 .....	123
6.	Claim 9 .....	128
7.	Claim 21 .....	129
<b>E.</b>	<b>GROUND 4: Claims 2, 3, 6, 8, 9, and 21 Are Unpatentable as Obvious over Mann in View of Kaplan, Further in View of S/MIME-Profile.....</b>	<b>129</b>
1.	Motivation to Combine Mann, Kaplan, and S/MIME-Profile	130
2.	Claims 2, 3, 6, 8, 9, and 21 .....	131
<b>VI.</b>	<b>NO SECONDARY CONSIDERATIONS OF NON-OBVIOUSNESS .....</b>	<b>131</b>
<b>VII.</b>	<b>CONCLUSION.....</b>	<b>134</b>

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I, Markus Jakobsson, Ph.D., declare as follows:

**I. QUALIFICATIONS**

1. I make this Declaration based upon my own personal knowledge, information, and belief, and I would and could competently testify to the matters set forth in this Declaration if called upon to do so.

2. Attached hereto as Appendix A is a true and correct copy of my Curriculum Vitae (CV).

3. I am currently a security researcher at ByteDance. My work involves reviewing security needs and developing recommendations to address these.

4. I am also the CEO at ZapFraud, a cybersecurity company that develops techniques to detect deceptive emails, such as Business Email Compromise emails. At ZapFraud, my research studies and addresses abuse, including social engineering, malware and privacy intrusions. My work primarily involves identifying risks, developing protocols and user experiences, and evaluating the security of proposed approaches.

5. I received a Master of Science degree in Computer Engineering from the Lund Institute of Technology in Sweden in 1993, a Master of Science degree in Computer Science from the University of California at San Diego in 1994, and a Ph.D. in Computer Science from the University of California at San Diego in 1997,

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