

UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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**APPLE INC.,**

Petitioner,

v.

**FIRSTFACE CO., LTD.,**

Patent Owner.

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Case IPR2019-00614

U.S. Patent No. 9,779,419

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**DECLARATION OF VICTOR CHEUNG IN SUPPORT OF THE  
PETITION FOR *INTER PARTES* REVIEW OF UNITED  
STATES PATENT NO. 9,779,419**

I, Victor Cheung, make the following Declaration pursuant to 28 U.S.C.

§ 1746:

1. I am an associate at the law firm of Ropes & Gray LLP.
2. I provide this Declaration in connection with the above-identified

*Inter Partes* Review proceeding that is being requested at the United States Patent

Apple Ex. 1036

and Trademark Office (“USPTO”) by Apple Inc. Unless otherwise stated, the facts stated in this Declaration are based on my personal knowledge.

3. **Exhibit 1007** hereto is a true and correct copy of iPhone User Guide For iPhone OS 3.1 Software User Guide from support.apple.com. This document has been marked with an exhibit label and page numbers on each page at the bottom right corner. However, no alterations, other than these noted markings, have been made to this document.

4. **Exhibit 1014** hereto is a true and correct copy of German Patent Application Publication No. DE 197 10 546 A1 to Herfet (with a certified English translation). This document has been marked with an exhibit label and page numbers on each page at the bottom right corner. However, no alterations, other than these noted markings, have been made to this document.

5. **Exhibit 1021** hereto is a true and correct copy of Peter H. Lewis, *THE EXECUTIVE COMPUTER; Compaq Finally Makes a Laptop*, The New York Times (October 23, 1988) (<https://www.nytimes.com/1988/10/23/business/the-executive-computer-compaq-finally-makes-a-laptop.html>). This document has been marked with an exhibit label and page numbers on each page at the bottom right corner. However, no alterations, other than these noted markings, have been made to this document.

6. **Exhibit 1022** hereto is a true and correct copy of J. Flinn & M. Satyanarayanan, *Energy-aware adaptation for mobile applications*, 33 SIGOPS Oper. Syst. Rev. 48-63 (December 12, 1999) (DOI=<http://dx.doi.org/10.1145/319344.319155>). This document has been marked with an exhibit label and page numbers on each page at the bottom right corner. However, no alterations, other than these noted markings, have been made to this document.

7. **Exhibit 1023** hereto is a true and correct copy of A. Roy, S. M. Rumble, R. Stutsman, P. Levis, D. Mazières, & N. Zeldovich, *Energy Management in Mobile Devices with the Cinder Operating System*, Proceedings of the sixth conference on Computer systems (EuroSys '11), Pages 139-52 (April 10, 2011) (DOI=<http://dx.doi.org/10.1145/1966445.1966459>). This document has been marked with an exhibit label and page numbers on each page at the bottom right corner. However, no alterations, other than these noted markings, have been made to this document.

8. **Exhibit 1024** hereto is a true and correct copy of *Your Palm Treo 680 Smart Device User Guide* (2006) ([https://www.att.com/support\\_static\\_files/manuals/Palm\\_Treo\\_680.pdf](https://www.att.com/support_static_files/manuals/Palm_Treo_680.pdf)). This document has been marked with an exhibit label and page numbers on each page at

the bottom right corner. However, no alterations, other than these noted markings, have been made to this document.

9. **Exhibit 1025** hereto is a true and correct copy of D. Muthukumaran, A. Sawani, J. Schiffman, B. M. Jung, & T. Jaeger, *Measuring Integrity on Mobile Phone Systems*, Proceedings of the 13th ACM symposium on Access control models and technologies (SACMAT '08), Pages 155-64 (June 11, 2008) (DOI=<http://dx.doi.org/10.1145/1377836.1377862>). This document has been marked with an exhibit label and page numbers on each page at the bottom right corner. However, no alterations, other than these noted markings, have been made to this document.

10. **Exhibit 1026** hereto is a true and correct copy of M. Landman, *Managing Smart Phone Security Risks*, 2010 Information Security Curriculum Development Conference (InfoSecCD '10), Pages 145-55 (October 1, 2010) (DOI=<http://dx.doi.org/10.1145/1940941.1940971>). This document has been marked with an exhibit label and page numbers on each page at the bottom right corner. However, no alterations, other than these noted markings, have been made to this document.

11. **Exhibit 1033** hereto is a true and correct copy of P. Tarr, W. Harrison, H. Ossher, A. Finkelstein, B. Nuseibeh, & D. Perry, *Workshop on Multi-Dimensional Separation of Concerns in Software Engineering*, Proceedings of the

2000 International Conference on Software Engineering: ICSE 2000 the New Millennium, Pages 809-810 (2000) (DOI=<https://doi.org/10.1145/337180.337827>).

This document has been marked with an exhibit label and page numbers on each page at the bottom right corner. However, no alterations, other than these noted markings, have been made to this document.

12. I hereby declare that all statements made herein of my own knowledge are true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001. If called to testify as to the truth of the matters stated herein, I could and would testify competently.

13. I declare under penalty of perjury that the foregoing is true and correct.

Executed this 23rd day of January, 2019, in Washington, D.C.

/Victor Cheung/  
Victor Cheung