

DECLARATION OF GONZALO RAMOS

I, Gonzalo Ramos, of Kirkland, Washington, declare that:

1. I am making this Declaration at the request of Apple Inc. I understand that this Declaration will be submitted as an Exhibit in support of a Petition for *Inter Partes* Review of U.S. Patent No. 10,649,580.
2. In October 2005, I attended the 18th Annual Association for Computing Machinery (ACM) Symposium on User Interface Software and Technology in Seattle Washington. At the time, I was a graduate student in the Department of Computer Science at the University of Toronto.
3. The ACM is the world's largest education and scientific computing society, which includes a special interest group on human computer interaction (SIGCHI), the leading international community of students and professionals with interest in research, education, and practical applications of human-computer interaction. SIGCHI was a sponsor of the October 2005 Symposium.
4. The ACM UIST Symposium is attended by both members of academia and members from industry. The October 2005 conference was no exception.
5. In addition to attending the October 2005 ACM UIST, I also presented a paper entitled "Zliding: Fluid Zooming and Sliding for High Precision Parameter Manipulation." The presentation of my paper included a

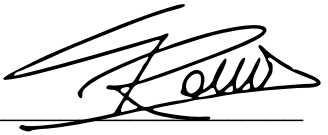
demonstration of a “Zlider” widget that I had developed—the subject of my paper, including a video of the “Zlider” widget in use. To the best of my recollection, 25-50 people were in attendance during presentation of my paper. The ACM SIGCHI made paper copies of my paper (included in *Proceedings of the 18th Annual ACM Symposium on User Interface Software and Technology*) available both to individuals in attendance at the October 2005 ACM UIST Symposium and to members of ACM SIGCHI.

6. I have reviewed Exhibit 1004 and can confirm that it is a true and accurate copy of the paper that I presented at the October 2005 ACM UIST Symposium.
7. Additionally, I have reviewed Appendix RAMOS02 to Exhibit 1009 and can confirm that it is a true and accurate copy of the paper that I presented at the October 2005 ACM UIST Symposium from the *Proceedings of the 18th Annual ACM Symposium on User Interface Software and Technology*.
8. In conjunction with the development of the “Zlider” widget, on December 28, 2007, I uploaded a video, entitled “Zooming & Sliding” at URL <https://www.youtube.com/watch?v=EcE3XBytN-U> to my YouTube channel, demonstrating the use of the “Zlider” widget. Around that time, I often uploaded videos related to my work on my YouTube channel. To my knowledge, no one else had access to modify my YouTube channel account.

9. After uploading the video “Zooming & Sliding” to YouTube, I never altered it in any way or removed it from YouTube. Concurrent with the preparation of this declaration, on June 20, 2024, I accessed the “Zooming & Sliding” Video at <https://www.youtube.com/watch?v=EcE3XBytN-U>, and, to the best of my knowledge, it is the same video that I uploaded to YouTube on December 28, 2007.
10. I have reviewed Exhibit 1005, which is an MP4 file, and, to the best of my knowledge, it is also the same video that I uploaded to YouTube on December 28, 2007.
11. I also referenced the “Zooming & Sliding” video available at <https://www.youtube.com/watch?v=EcE3XBytN-U> several times in my Ph.D. thesis, including on pages xv, 97, 98, 101, 105, and 120. I have reviewed Exhibit 1008 and confirm that it is a true and accurate copy of my Ph.D. thesis.
12. I hereby declare that all statements made of my own knowledge are true and that all statements made on information and belief are believed to be true. I further declare 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 Section 1001 of the Title 18 of the United

States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Dated: June 20, 2024

By: 
Gonzalo Ramos