

UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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GOOGLE LLC, SAMSUNG ELECTRONICS CO., LTD.,  
SAMSUNG ELECTRONICS AMERICA, INC.,  
LG ELECTRONICS INC., and  
LG ELECTRONICS U.S.A., INC.,  
Petitioners,

v.

PARUS HOLDINGS INC.,  
Patent Owner.

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Case No. IPR2020-00846  
Patent No. 7,076,431

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**DECLARATION OF MARTIN WALKER**

Google Exhibit 1053 Google v Parus IPR2020-00846
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I, Martin Walker, declare:

1. I have been retained by Wolf, Greenfield & Sacks, P.C., counsel for Petitioners, to assess the Declaration of Alexander Kurganov (Ex. 2020) (“Kurganov-Decl.”) in this *inter partes* review proceeding. I am being compensated for my time at a rate of \$515.00 per hour, plus actual expenses. My compensation is not dependent in any way upon the outcome of this proceeding.

#### **I. PERSONAL AND PROFESSIONAL BACKGROUND**

2. I received my Bachelor of Science degree in Electrical Engineering from the Massachusetts Institute of Technology in 1973. I received my Master of Science and Doctor of Philosophy degrees in Electrical Engineering in 1976 and 1979 from Stanford University.

3. I have over 40 years of experience with writing and analyzing computer software.

4. Beginning in 1981, I developed computer software to aid in the development of integrated circuits. From 1983 to 1989, I was the founder and Chief Technical Officer at Analog Design Tools, Inc. Analog Design Tools’ primary product was software used to design integrated circuits. I was responsible for all technical aspects of product definition and development, including the software design.

5. From 1990 to 1994, I was a founder and Executive Vice President of Symmetry Design Systems, which specialized in software product design and consulting for the electronic design marketplace.

6. In 1995, I founded a company called Frequency Technology (later called Sequence Design) that developed software for the design of advanced system-on-a-chip integrated circuits. As Chief Executive Officer, director, and Chief Scientist at Sequence, I was involved in overseeing the development of the company's products and technologies.

7. In 2000, I became the Chief Technical Officer of Knowledge Networks, which was a market research company that leveraged internet technology to revolutionize the market research industry. I managed Knowledge Networks' engineering group, which designed web-based software for creating surveys, conducting interviews, and processing data.

8. Since 2001, I have been a consultant on various technology issues including software design and analysis. Since that time, I have served as an expert in nearly 100 cases.

9. From my career as an engineer and a consultant, I am experienced with various computer programming languages, including C and Perl. I have worked with C and Perl for around 40 years. I also have experience with source

code control systems including CVS (“Concurrent Versions System”), having worked on multiple projects that used CVS over 25 years.

10. My curriculum vitae is provided as Exhibit 1054.

## II. MATERIALS REVIEWED AND CONSIDERED

11. My findings, as explained below, are based on my years of education, research, experience, and background in computer software, as well as my investigation and study of relevant materials for this declaration. In forming my opinions, I have considered the materials identified in the list below.

Exhibit	Description
2020	Declaration of Alexander Kurganov (“Kurganov-Decl.”)
2021	10/13/1998 email
2022	4/22/1999 email
2023	www.pl
2024	RCRWireless
2025	mc_vm.c
2026	menuNew.grammar
2027	U.S. Patent No. 7,076,431 claim chart
2028	U.S. Patent No. 9,451,084 claim chart
2029	Webley Homepage
2030	Webley How to Use page
2031	Frequently Asked Questions page
2032	webget.pl
2033	weather.ini
2034	Webley Index page
2035	Nuance 6

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