

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

Applicant:	Dresti et al.)	Universal Remote Control, Inc.
)	
Case No.:	IPR2014-01109)	v.
)	
Filing Date:	11/06/02)	Universal Electronics, Inc.
)	
Patent No.:	7,831,930)	Trial Paralegal: Kathy
)	Underwood
Title:	System and Method for)	
	Displaying a User)	Attny Doc.: 059489.143600
	Interface for a Remote)	
	Control Application)	

DECLARATION OF ALEX COOK

Mail Stop PATENT BOARD
Patent Trial and Appeal Board
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

Certificate of Filing: I hereby certify that his correspondence is being electronically filed with the USPTO on this 25th day of March, 2015.

I, Alex Cook, hereby declare as follows:

I. Background And Qualifications

1. My name is Alex Cook. I began work with home entertainment devices in the employ of a major equipment supplier to the cable tv industry in 1983 as an engineer designing settop boxes. I have been directly involved in the design and development of remote control devices, including multi-device remote, two-way remotes and remotes with displays. In my work with cable tv and settop boxes, I have dealt directly with the issues involved in the configuration and use of home entertainment systems. I am a member of the Society of Cable Telecommunications Engineers (SCTE) and have participated in the setting of technical standards for use by the cable tv industry and in the IrDA setting standards for infrared data communication. I currently consult with Comcast Cable in the development of new electronic devices for the home.
2. In 1977, I earned a Bachelor of Electrical Engineering degree from the Georgia Institute of Technology in Atlanta, GA.
3. In 1978, I attended additional non-degree graduate level classes at Georgia Tech.
4. Between the years of 1975 and 1977, I worked for the Georgia Tech Research Institute, where my responsibilities included computer programming and millimeter-wave and submillimeter-wave spectroscopy.

5. Between the years of 1978 and 1979 I worked for the Georgia Tech Research Institute as a Research Engineer, where my job responsibilities included the design of a distributed process energy management and control system, the design and programming of microcomputer circuits, and the design of power line data transmission circuits.

6. Between the years of 1979 and 1980, I worked for Datec Systems, Inc. as an Engineer. At Datec, I helped develop a distributed process control system for the Strategic Petroleum Reserve. In this role, I developed real-time programming of supervisory control and data acquisition systems.

7. Between the years of 1981 and 1983, I worked as an engineer for Loral Information and Display Systems in Atlanta, GA as a Principal Engineer. My responsibilities there included the design of high speed display generator hardware for tactical displays in military aircraft.

8. Between the years of 1983 and 1996, I worked in various engineering and engineering management positions at Scientific-Atlanta, Inc. in Norcross, GA, a major supplier of products to the cable tv industry. As an engineer, I designed settop boxes for cable television including various remote control devices for use in cable tv. My work included hardware design of both digital and analog circuits, software design for microprocessors, product features and user interface design, and the design of all aspects of remote controls for use in cable tv. My

responsibilities also included the drafting of patent disclosures and the extensive review of patents in the field of cable tv technology (including remote controls).

During this time I worked daily with entertainment system technology; basic, multi-device, and universal remote controls; and all aspects of user experience in home entertainment.

9. Since 1996, I have worked as a consultant in product development including consulting work for Universal Electronics Inc. (“UEI” or “Patent Owner”) in 1996.

10. I have also previously served as an expert witness for UEI in several patent infringement actions. Those litigations include *Phillips Electronics North America Corp. v. Universal Electronics Inc.*, No. 94-392-RRM (D. Del. 1994) and *Universal Electronics Inc. v. Remote Technologies, Inc.*, No. 8-06-cv-00566 (C.D. Cal. 2006).

11. From 2010 to the present, I have been a consultant to Comcast Cable. In that role, I have assisted in the development of the next generation of cable tv devices for the cable consumer, including settop boxes, video gateways, video client devices, remote controls, and wireless devices for the home.

12. I am a named inventor on four granted and pending U.S. patents and patent applications, the majority of which relate to cable tv devices and technology including the use of infrared signaling to program settop boxes and a two-way remote control with an LCD display.

13. I have been retained in this matter by UEI to provide an analysis of U.S. Patent No. 7,831,930 (“the ’930 Patent”) and the asserted prior art pursuant to the Board’s decision instituting an *inter partes* review of Claim 1 of the ’930 Patent, and specifically to rebut the opinions of Petitioner’s expert, Mr. James T. Geier. I have also been retained to analyze what a person of ordinary skill in the art in the relevant field would have understood as of November 20, 2001, which I understand from counsel is the priority date for the ’930 Patent.

14. I am being compensated at the rate of \$350 per hour for my work. My fee is not contingent in any way on the outcome of this *inter partes* review or any technical position I explain in this declaration. I have no financial interest in UEI or Universal Remote Control, Inc. (“URC” or “Petitioner”), and I have never been employed by Petitioner in any capacity.

II. Materials Considered

15. In preparing this declaration, I reviewed the materials listed in Appendix A and relied upon my personal knowledge and experience in the relevant art.

III. Legal Principles

A. Claim Construction

16. I have been informed by counsel and I understand that the purpose of the claim construction process is to determine the meaning of the terms in the claims

Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.