ANDREW P. DEJACO

PROFESSIONAL EXPERIENCE

2021-present   **Broker and Business Advisor WebsiteClosers**
- Bringing buyers and sellers together for successful exits in the Ecommerce and Technology space

2013-2021   **Co-Owner Judee's Gluten Free Ingredient brand**
- Doubled Amazon Sales every year from 2013-2020
- Sold business Jan 2021

2003 to 2018   **Independent Consultant**

- Supported several patent litigation matters
- Subject Matter Expert Consultant for Speech Processing QUALCOMM Government Systems through Trabus 8/2011-5/2013

2003 to June 2012   **St. Charles Preparatory School**
AP Calculus/Statistics and Computer Science Teacher

1991 to 2003   **Qualcomm Inc**

1997 to 2003   **Vice President of Engineering**
- Managed Careers and Projects for 50+ engineers.
- Grew functional group from voice processing to all digital media and digital signal processing needs in the cell phone.
- Managed and contributed to functional teams in the signal processing areas of:
  - Speech Compression and Recognition
  - Network and Acoustic Echo Cancellation
  - Audio Compression: MP3, AAC
  - Mobile Voice Quality Enhancements and Noise Suppression
  - Wireless CDMA Modems
- 45 patents awarded.

1991 to 1997   **Electrical Engineer**

- Research, development, and implementation of digital signal processing algorithms.
- DSP Assembly Code Implementation Experience on fixed point AT&T DSP1610 and TI C54 Series
- Editor of Speech Coding Technical Specifications (IS-96, IS127) for CTIA.

1989 to 1991   **Titan Linkabit**
Electrical Engineer

Research, development, and implementation of very low bit rate speech coding algorithms.

EDUCATION

MSEE, University of Michigan, 1986–1989
BSEE, University of Dayton, 1982-1986

All coursework for a Ph.D. in Digital Signal Processing and Communication taken at
University of Michigan

2002–2003, Alliant International University, CA Teacher Credential Program for
Mathematics

LITIGATION RELATED EXPERIENCE

Case: Andrea Electronics. v. Apple & Motorola Inc. (ITC)
Matter: Patent infringement: (Noise Suppression and Acoustic Echo Cancelation)
Project: Technical Consultant & Testifying Expert
Date: 2017
Firm: Pepper Hamilton

Case: Ericsson Inc. v. Apple Inc. (ITC)
Matter: Patent infringement: (Speech Coding Algorithms in the AMR Codec)
Project: Technical Consultant & Testifying Expert
Date: 2015
Firm: McKool Smith

Case: US v. Lonny and Donald Bowers
Matter: Trade Secret Infringement: (Acoustic Echo Cancelation Algorithms)
Project: Technical Consultant and Testifying Expert
Date: 2015
Client: Stephen McCaughey

Case: Ericsson Inc v. TCL Inc
Matter: Patent infringement (Speech Coding Algorithms in AMR Codec)
Project: Technical Consultant
Date: 2014
Firm: McKool Smith

Case: AT&T v. Cox Communications
Matter: Patent infringement (Frame Erasure Concealment Algorithms)
Project: Technical Consultant
Date: 2014

Firm: McKool Smith

Case: Solocron v. <u>AT&T</u>
Matter: Patent infringement (Ringtones and MMS messages)
Project: Technical Consultant (I was retained, but did no work on this case)
Date: 2014
Firm: McKool Smith

Case: Samsung Electronics Co., Ltd. and Samsung Telecommunications
                America, LLC. v. <u>Ericsson Inc</u>. (ITC)
Matter: Patent infringement (Speech Coding Algorithms in the AMR Codec)
Project: Technical Consultant
Date: 2013
Firm: McKool Smith

Case: <u>Rockstar Consortium US LP</u> vs. Asustek et al.
Matter: Patent infringement (Speech Coding Technology)
Project: Technical Consultant
Date: 2014 (I was retained, but did no work on this case)
Client: McKool Smith

Case: <u>IV</u> vs. Motorola
Matter: Patent infringement (Speech Coding Error Protection)
Project: Technical Consultant
Date: 2014 (Case stayed 7/2014)
Client: Feinday

PATENTS

Patent Number	Year Issued	Title
7,590,096	2009	Method and Apparatus for Improved Detection of Rate Errors in Variable Rate Receivers
7,577,563	2009	Enhanced Conversion of Wideband Signals to Narrowband Signals
7,483,520	2009	Method and Apparatus for Prompting a Cellular Telephone User with Instructions
7,426,466	2008	Method and Apparatus for Quantizing Pitch, Amplitude, Phase and Linear Spectrum of Voiced Speech
7,289,461	2007	Communications Using Wideband

		Terminals
7,184,954	2007	Method and Apparatus for Detecting Bad Data Packets Received by a Mobile Telephone Using Decoded Speech Parameters
7,146,174	2006	Method and Apparatus for Determining the Transmission Data Rate in a Multi-User Communication System
7,113,522	2006	Enhanced Conversion of Wideband Signals to Narrowband Signals
7,061,934	2006	Method and Apparatus for Interoperability Between Voice Transmission Systems During Speech Inactivity
6,950,799	2005	Speech converter Utilizing Preprogrammed Voice Profiles
6,941,265	2005	Voice Recognition System Method and Apparatus
6,836,758	2004	System and Method for Hybrid Voice Recognition
6,804,218	2004	Method and Apparatus for Improved Detection of Rate Errors in Variable Rate Receivers
6,789,059	2004	Reducing Memory Requirements of a Codebook Vector Search
6,766,289	2004	Fast Code-Vector Searching
6,766,176	2004	Method and Apparatus for Automatically Adjusting Speaker and Microphone Gains Within a Mobile Telephone
6,754,624	2004	Codebook Re-Ordering to Reduce Undesired Packet Generation
6,745,024	2004	System and Method for Preparing and Sending an Electronic Mail Communication Using a Wireless Communications Device

6,744,882	2004	Method and Apparatus for Automatically Adjusting Speaker and Microphone Gains Within a Mobile Telephone
6,631,139	2003	Method and Apparatus for Interoperability Between Voice Transmission Systems During Speech Inactivity
6,574,596	2003	Voice Recognition Rejection Scheme
6,519,479	2003	Spoken User Interface for Speech-Enabled Devices
6,484,138	2002	Method and Apparatus for Performing Speech Frame Encoding Mode Selection in a Variable Rate Encoding System
6,477,502	2002	Method and Apparatus for Using Non-Symmetric Speech Coders to Produce Non-Symmetric Links in a Wireless Communication System
6,449,496	2002	Voice Recognition User Interface for Telephone Handsets
6,438,518	2002	Method and Apparatus for Using Coding Scheme Selection Patterns in a Predictive Speech Coder to Reduce Sensitivity to Frame Error Conditions
6,434,519	2002	Method and Apparatus for Identifying Frequency Bands to Compute Linear Phase Shifts Between Frame Prototypes in a Speech Coder
6,330,532	2001	Method and Apparatus for Maintaining a Target Bit Rate in a Speech Coder
6,324,509	2001	Method and Apparatus for Accurate Endpointing of Speech in the Presence of Noise
6,324,503	2001	Method and Apparatus for Providing Feedback from Decoder to Encoder to Improve Performance in a Predictive Speech Coder Under Frame Erasure Conditions

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