

Scott Andrews, Expert Witness
Petaluma, CA
scott.andrews@cogenia.com
650-279-0242

Summary of Litigation Experience

- **12 years experience as technical expert and expert witness for patent litigation**
- **Supported over fifty U.S. patent cases**
- **U.S. District Court cases (11 depositions, 4 trials, 1 hearing)**
- **International Trade Commission cases (2 depositions, 2 trials, 1 tutorial)**
- **IPRs and Re-exams (25+ declarations, 7+ depositions)**
- **Targeted prior art searching**
- **Extensive personal library of key references in navigation, telematics and intelligent transportation systems (ITS)**
- **Invalidity and non-infringement analysis and reports**
- **Validity, and infringement analysis and reports**
- **IPR declarations**
- **Support for claim construction, and motions for summary judgment**

Key Practice Areas

- **Automotive Electronics**
- **Automotive Control Systems and User Interface Technologies**
- **Personal Computing and Mobile Electronics**
- **Integration of Mobile Electronics and/or Personal Computing in Automobiles**
- **Location Based Services and Systems**
- **Navigation and Digital Maps**
- **GPS Technology**
- **Traffic Information Systems**
- **Communications Systems (802.11, DSRC, Satellite)**
- **Streaming Audio Technologies (e.g. SDARS)**
- **Hybrid Vehicle Technology**
- **Intelligent Transportation Systems (ITS)**
- **Connected Vehicles**
- **Electronic Toll Collection**
- **Collision Warning and Avoidance**
- **Automated Vehicle Technology**
- **Safety Systems**

Summary of Cases by Practice Area

| Location Based Systems/Services | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Client: Andrews Kurth Kenyon (Rep. VW/Audi) Case: West View Research v. VWGOA (16 cv: 2643) Topic: Mobile information systems Role: Invalidity and non-infringement expert</p> | <p>Client: Renaissance (Rep. Unified Patents) Case: IPR2017-00845 Patent Owner: Virtual Fleet Management Topic: Location based alerts Role: Invalidity expert, IPR declaration</p> |
| <p>Client: Kenyon and Kenyon (Rep.VW/Audi) Case: Rothschild Location Tech. v. VW/Audi (CV No. 1:14-cv-01129 D DE) Topic: Vehicle navigation systems Role: Prior art search; Invalidity and non-infringement analysis; Re-exam declaration</p> | <p>Client: Finnegan (Rep. Unified Patents) Case: IPR 2017-00361 Patent Owner; Shipping and Transit Topic: Vehicle Tracking and Telematics Role: Invalidity expert; IPR declaration</p> |
| <p>Client: Hogan Lovells (Rep. Mercedes Benz) Opposing Counsel: Unknown Dates: 02/15-Settled Topic: Vehicle Telematics/Location Systems Case: Manitto Technologies v. Mercedes-Benz Case No. 2:14-cv-1106 (E.D. Tex.) Role: Invalidity Expert</p> | <p>Client: Hogan Lovells (Rep. Mercedes Benz) Topic: Vehicle Telematics/Location Systems Case: Proximity Monitoring Innovations v. Mercedes Benz (14-cv-576-SLR-SRF) Topic: Location based alert systems Role: Invalidity Expert; IPR declaration</p> |
| <p>Client: Kenyon and Kenyon (Rep. VW/Audi) Case: West View Research v. VWGOA (3:14-cv-02668-BAS-JLB) Topic: Mobile information systems Role: Invalidity and non-infringement expert, IPR delcarations</p> | <p>Client: Perkins Coie (Rep. M/A COM) Case: M/A COM Tech Holdings v. Laird Tech. (C.A. No. 14-181-LPS) Topic: Vehicle Telematics Systems Role: Validity and infringement expert, Depositions (2), Dist. Court hearing testimony</p> |
| <p>Client: Girardi and Keese (Rep. Zoltar) Topic: Emergency Response Systems Case: Zoltar v. Samsung et al Role: Validity expert</p> | |

| Navigation, GPS, and Traffic Information Systems | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Client: Akin Gump (Rep. ATT and Telenav) Case: Vehicle IP v. ATT and Telenav, et al (09-1007-LPS) Topic: Mobile phone location/navigation systems Role: Non- infringement expert, Non-infringement report ; Deposition</p> | <p>Client: Wiley Rein (Rep. TomTom) Case: AOT Systems GmbH, et al v. TomTom (1:12-cv-00528-TSE-IDD) Topic: Handheld navigation systems Role: Prior art search; Invalidity report; Non-infringement report, Deposition</p> |
| <p>Client: Sterne, Kessler, Goldstein & Fox (Rep. Google) Topic: Navigation system displays Case: Google v. Walker Digital (re-examination No. 95/002,031) Role: Invalidity expert; Re-exam declaration</p> | <p>Client: Sterne, Kessler, Goldstein & Fox (Rep. Telenav) Topic: Navigation Systems Case: WRE v. Telenav et al. Role: Invalidity expert for re-exam</p> |
| <p>Client: Kenyon and Kenyon (Rep. VW/Audi) Case: Beacon GmbH vs Audi, et al (1:11-cv-00928-GMS) (Re-exam: 95/001,852) Topic: Vehicle navigation systems Case: Beacon GmbH (p) vs Audi, et al (d)</p> | <p>Client: Baker-Hosteteler (Rep. TomTom) Case: TomTom vs Harris Topic: Vehicle navigation and real time traffic systems Role: Prior art search; Invalidity expert; Re-exam declaration</p> |

| | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Role: Invalidity expert; Re-exam declaration | |
| Client: Wiley Rein (Rep. TomTom) Case: Silver State Intellectual Tech. v. TomTom (2:11-cv-01581-PMP –PAL) Topic: Navigation Systems Role: Prior art search; Invalidity expert; Re-exam declaration | Client: Baker-Hosteteler (Rep. TomTom) Case: Tom Tom vs Crowd Source Traffic Topic: Vehicle navigation and real time traffic Role: Prior art search; Invalidity expert; Re-exam declaration |
| Client: Finnegan (Rep. Pioneer) Case: Pioneer v. Garmin (ITC: 337-TA-694 Certain Multimedia Display and Navigation Devices And Systems, Components Thereof, And Products Containing Same) Topic: Handheld navigation systems Role: Claim construction report Technical tutorial for court; Deposition; Trial testimony | Clients: Kenyon and Kenyon (Rep. VW/Audi) Kramer Levin (Rep. Sirius/XM) Case: Volkswagen Group et al v. Triangle Software (1:10-cv-01457-CMH -TCB) Topic: Vehicle navigation and real time traffic systems Role: Invalidity and non-infringement expert, Invalidity and non-infringement reports; Deposition |
| Client: Morrison and Foerster (Rep. TomTom) Case: TomTom vs Tremontaine Topic: Vehicle navigation and real time traffic Role: Technical Consultant Activities: Prior art search; Invalidity expert | Clients: Finnegan (Rep. Pioneer) Brinks Hofer (Rep. Alpine) Harness Dickey and Pierce (Rep. Denso) Case: Honeywell v. Alpine et al. (ITC No. 337-TA-657 Certain Automotive Multimedia Display and Navigation Systems, Components Thereof, and Products Containing the Same) Topic: Navigation systems, mapping and GPS Role: Invalidity, non-infringement, and domestic industry practice reports; Witness statements; Deposition; Trial testimony |
| Client: Pillsbury Winthrop (Rep. ZTE) Case: Vringo v. ZTE Topic: Cell phone location/navigation service Role: Prior art search; IPR declaration | Client: Morrison-Foerster (Rep. TomTom) Case: TomTom v. TrafficGauge Inc. Topic: Wireless Traffic Information Systems in Handheld Navigation Devices Role: Prior art search, and initial invalidity and non-infringement arguments |

Personal Computing and Mobile Electronics

| | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Clients: Akin Gump (Rep. Lenovo) Fish and Richardson (Rep. Samsung) Kenyon and Kenyon (Rep. Sony) King and Spaulding (Rep. Nokia) Farella (Rep. Amazon) Case: Pragmatus v. Amazon et al. (ITC 337-TA-905 Certain Wireless Devices Including Mobile Phones and Tablets II) Topic: Computer Location Systems Role: Invalidity expert, reports; IPR declarations (Also included IPR declaration for Amazon via Fenwick and West) | Client: Haynes Boone (Rep. Apple) Case: Porto Technology v. Apple Computer (Civil Action No. 2:15-cv-4570) Topic: mobile phone location/ navigation systems Role: Invalidity expert; IPR declaration |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

| | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Client: Baker Botts (Rep. T-Mobile) Case: TracBeam v. T-Mobile (6:11-cv-00096-LED) Topic: Mobile device location systems Role: Claim construction expert; IPR declaration; Deposition</p> | <p>Client: Ropes & Gray (Rep. Motorola) Case: Motorola Mobility v Microsoft (1:10-cv-24063-FAM) Topic: Location based cellular phone browsers Role: Validity and infringement expert; Validity and infringement reports; Deposition</p> |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

| |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Automotive Infotainment Systems, Integration of Mobile Electronics and/or Personal Computing in Automobiles, Streaming Audio Technologies (e.g. SDARS)</p> |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

| | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Client: Andrews Kurth Kenyon (Rep. VW/Audi) Case: Blitzsafe v. VWGOA (2:15-cv-01274-JRG-RSP) Topic: Vehicle-mobile device integration systems Role: Invalidity and non-infringement expert; ; Invalidity and non-infringement reports, IPR declarations</p> | <p>Clients: Wilmer Hale (Rep. Ford) Brooks Kushman (Rep. Ford) Case: Eagle Harbor Holdings/Medius v. Ford Motor Co. (3:11-cv-05503-BHS) Topic: Vehicle Infotainment systems Role: Invalidity and non-infringement expert, Invalidity and non-infringement reports; Deposition; Jury trial testimony</p> |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

| | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Client: Kenyon and Kenyon (Rep. VW/Audi) Case: Volkswagen Group et al v. Affinity Labs of Texas (9:08-cv-00164-RC) Topic: Automotive systems (primarily portable music player interface systems) Role: Prior art search, Invalidity and non-infringement reports; Deposition; Jury trial testimony</p> | <p>Client: Kenyon and Kenyon (Rep. Toyota) Case: Affinity Labs of Texas, v. Toyota Motor North America Inc., et al., (Civil Action No. 6:13-cv-365) (IPR2014-01336) Topic: Vehicle-mobile device integration systems Role: Invalidity and non-infringement expert, IPR Declaration</p> |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

| | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Client: Brooks-Kushman (Rep. Ford) Step toe (Rep. General Motors) Case: Affinity Labs of Texas v. BMW et al. (9:08-cv-00164-RC) Topic: Vehicle Infotainment systems/portable device integration Role: Invalidity expert (GM), Invalidity and non-infringement expert (Ford), Invalidity (Ford and GM) and non-infringement (Ford) reports; Deposition</p> | <p>Client: Dykema Gossett (Rep. Ford) Case: Joseph J. Berry v. Ford Motor Company and Ford Global Technologies (5:11-cv-10569) Topic: Vehicle Telematics Systems Role: Analyzed documentation relative to claimed inventorship</p> |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

| |
|--------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Automotive Electronics, User Interfaces, Safety Systems, Hybrid Vehicles, Collision Warning and Avoidance, Automated Vehicles</p> |
|--------------------------------------------------------------------------------------------------------------------------------------------------|

| | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Client: Kenyon and Kenyon (Rep. Toyota) Case: IPR 2016-01382 Patent Owner: Signal IP Topic: Mobile Automotive occupant sensing systems Role: Invalidity expert; IPR declaration; Deposition</p> | <p>Client: Andrews Kurth Kenyon (Rep. VW/Audi) Case: Paice v. VWGOA (ITC 337-TA-998: Certain Hybrid Electric Vehicles And Components Thereof) Topic: Hybrid Vehicle Systems Role: Invalidity and non-infringement expert reports; IPR declarations</p> |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

| | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Client: Fish and Richardson (Rep. Honda) Topic: Automotive systems (primarily user interface systems) Case: American Calcar v. Honda (06-cv-2433-DMS (CAB)) Role: Prior art search; Invalidity and non-infringement reports, rebuttal reports, consulting and review of motions, consulting and review of trial material development; Deposition; Jury trial testimony.</p> | <p>Client: Howrey Simon (Rep. BMW) Opposing Counsel: Knobbe Martens Topic: Automotive systems (primarily user interface systems) Case: BMW v. American Calcar Role: Technical Consultant and Testifying Expert Activities: Prior art search; Invalidity and non-infringement reports; Rebuttal reports</p> |
| <p>Client: Ropes & Gray (Rep. Liberty Mutual Insurance Company) Topic: Automotive telematics/insurance systems Case: Progressive Insurance v. Liberty Mutual Insurance et al. (CBM2012-00002, 00003, 00004, and 00009) Role: Invalidity expert; CBM declarations, Depositions (2)</p> | <p>Client: Kenyon and Kenyon (Rep. VW/Audi) Case: Joao Control and Monitoring Systems v. VWGOA (IPR2015-01645) Topic: Vehicle Telematics Systems Role: Invalidity expert; IPR declaration; Deposition</p> |
| <p>Client: Hogan Lovells (Rep. Mercedes Benz) Case: Entry Systems LLC v. Mercedes-Benz (2:14-CV-01090-JRG) Topic: Vehicle Entry Systems Role: Invalidity expert; IPR declaration</p> | <p>Client: Kenyon and Kenyon (Rep. Toyota) Case: American Vehicular Sciences v. Toyota Motor Corp. Topic: Vehicle Telematics Systems Role: Prior art search, IPR declarations, Deposition</p> |
| <p>Client: Kenyon and Kenyon (Rep. VW/Audi) Opposing Counsel: Unknown Topic: Vehicle Telematics Systems Case: Velocity (p) v. VWGOA (d) Role: Invalidity expert, Technical consultant for re-exam</p> | <p>Client: Kacvinsky Daisak Bluni (Rep. Littlefuse) Case: FusiLamp, et al v. Littelfuse, et al. Topic: Automotive fuse systems Role: Invalidity expert; IPR declaration</p> |
| <p>Client: Kenyon and Kenyon (Rep. VW/Audi) Opposing Counsel: Unknown Case: Cruise Control Technologies vs VW/Audi, et al (1:12-cv-01753-UNA) Topic: Automotive cruise control display systems Role: Prior art search; Re-exam support</p> | <p>Client: Quinn Emmanuel (Rep. Mercedes Benz) Topic: Automotive headlamp technology Case: Adaptive Headlamp Technologies, Inc. v. Mercedes-Benz USA IPR 2016-00501 Role: Invalidity expert; IPR declaration</p> |
| <p>Client: Dewey & Le Bouef (Rep. BMW) Topic: Automotive adaptive cruise control systems Case: Stragent v. BMW (6:10-CV-227) Role: Invalidity expert</p> | <p>Client: Howrey Simon (Rep. Izusu) Case: Izuzu Motors et al (Defendant) vs MHL TEK Topic: Automotive Tire Pressure Monitor Systems Role: Technical consultant; Prior art search</p> |
| <p>Client: Fish and Richardson (Rep. Wasica) Case: Wasica vs Shrader and Continental (IPR2014-00295) Topic: Tire Pressure Monitoring Systems Role: Validity and infringement expert; IPR declaration; Deposition</p> | <p>Client: Greenberg Traurig (Rep. Epsilon) Topic: Automotive Rear Seat Entertainment Case: Epsilon Electronics v. Audiovox Role: Validity and infringement expert</p> |

**Intelligent Transportation Systems (ITS), Connected Vehicles,
Electronic Toll Collection, Communications Systems (802.11, DSRC,
Satellite)**

| | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Client: McKool Smith (Rep. Los Angeles Metropolitan Transportation Commission) Case: Transport Technologies v. L.A. County Metro. Transp. Auth., (2:15-cv-6423-RSWL (MRW)) (IPR 2016-01077) Topic: High Occupancy Toll Lanes Role: Invalidity expert; IPR declaration; Deposition</p> | <p>Client: Renaissance (Rep. Unified Patents) Case: IPR 2017-00565 Patent Owner: Sisvel Topic: Traffic Management Systems Role: Invalidity expert, IPR declaration</p> |
| <p>Client: Leffert Jay & Polglaze (Rep. Emtrac) Topic: Traffic Signal Preemption Systems Case: GTT v. Emtrac Role: Prior art search; Invalidity and non-infringement reports; Deposition; Jury trial testimony</p> | <p>Client: Mayer Brown (Rep, Cinterion) Opposing Counsel: Unknown Topic: M2M Communications Systems Case: M2M Solutions LLC v. Cinterion Role: Technical Consultant</p> |