

Objective: *Innovative thinker with solid management and technical skills pursuing opportunity to collaborate with customers and lead teams in focused application development and technical marketing*

Education

University of Michigan, Ann Arbor, MI - MBA 8/2001 – 6/2006
Cornell University, Ithaca, N.Y. - BSME 8/1987 -6/1991
Boys' Latin School of Maryland, Baltimore, MD 9/1981 - 6/1987

Experience

Field Applications Engineer

Cree GmbH, Stuttgart, Germany 7/2007 – Present
Technical customer interface for northern and central Europe
Joint developments with optical, thermal and electrical component partners
Manage and implement technical distributor and customer training

Lighting Pursuit Manager

Visteon Corporation, Stuttgart, Germany 10/2007 – 6/2008
Oversee development activities for European OEM programs
Develop product strategy plans for/ with customers
Pursue, staff, and manage joint development projects with European OEMs
Develop pursuit strategy with global cross-functional team

Advanced Lighting Applications Manager

Visteon Corporation, Van Buren Twp, MI 4/2005 – 10/2007
Manage technology and product portfolios and commercialization plans
Manage supplier joint technology development projects and contracts
Staff and direct activities of a cross-functional engineering team
Propose and lead advanced lighting projects with OEM customers
Develop processes for lighting technology integration into future model vehicle platforms

Lighting Technical Specialist

Visteon Corporation, Van Buren Twp, MI 4/2003 – 4/2005
Managed intellectual property and development contracts
Directed advanced light source development and system strategy
Led LED technology integration for OEM lighting programs
Coordinated lighting research projects with universities

Lighting CAE and Research Group Leader

Visteon Corporation, Redford, MI 4/1999 – 4/2003
Helped develop departmental budgets and organization strategy
Led development of LED forward lighting (headlamp, foglamp)
Oversaw optical and mechanical development of exterior automotive LED lamps
Developed automotive NIR laser and halogen night vision illuminator systems
Managed optical and thermal simulation, materials and research projects

Advanced Lighting Engineering

Visteon Corporation, Redford, MI 4/1999 – 5/2000
Designed and developed prototype bifunctional HID, LED and fiber optic lamps
Designed 5 lighting systems for 2000 Detroit Auto Show concept vehicles for 3 OEMs

Advanced Product Engineer

Visteon Automotive Systems, Dearborn, MI 1/1998 - 4/1999
Developed concepts for innovative automotive and non automotive exterior products
Participated in global joint OEM-supplier developments for plastic body panels
Co-developed overall engineering project for plastic vehicle concept
Created and administered group website and project database

Manufacturing Supervisor and Manufacturing Engineer

Ford/Visteon, Milan Plastics Plant, Milan, MI

1/1996 – 1/1998

Managed paint system maintenance and construction including 3000 man-hour shutdowns
Piloted introduction of Voice Recognition Inspection System in paint system
Created database and tracking system for paint defects and preventative maintenance

Product Engineer/ Foreign Service

Ford/ACD, Wolfsburg, Germany

1/1992 - 12/1995

Liaison to VW, Portuguese Assy Plant, British engineers and German tool shop
Led design and development teams for air induction system from concept to production

Product Engineer

Ford/ACD, Dearborn, MI

8/1991 - 12/1991

Led development of 1996 Taurus Fuel Vapor Storage system
Served on plastic materials application and commonization team

Distinctions

Double Century Rider, MS-150, 2005
Completed ODRAM 150-mile, 1-day bicycle ride across Michigan, 2005
Most Valuable Runner (2 yrs) and Team Captain, Cross Country, 1986,1987
Varsity Wrestling, 1985-1987
Dean's List, Cornell University, Sibley School of Mechanical Engineering, 1991

Presentations, Publications

Design Parameter Tradeoffs for LED Headlamp Applications, E. Mitchell Sayers, Kyle Lucas, Vladimir Kubena, SAE Technical Paper 2007-01-0871
Construction and Application of Near Field (TIR type) Lenses for Automotive Lighting Functions, Jeyachandrabose Chinniah, E. Mitchell Sayers, Christopher L. Eichelberger, SAE Technical Paper 2007 07B-367
Towards Development of Thermal Standards for the Design of LED Lamps, Ajmal Ansari, William Ince, Mitch Sayers, SAE Technical Paper 2007-07B-316
LED Forward Lighting: an Advancing Trend, Strategies in Light, San Francisco, CA, 2006
LED Forward Lighting: a Trend in Progress, IPQP IntellAuto, Dearborn, MI, 2005
An Approach for the Optical Design of an LED Fog Lamp, Jeyachandrabose Chinniah , E. Mitchell Sayers, SAE Technical Paper 2004-01-0226, 2004

Patents

Patent 6 186 651 – *Bifunctional High Intensity Discharge Projector Headlamp*, w/Balvant Patel, Jeyachandrabose Chinniah, Jose Cruz, Jeffrey Erion, Jaroslav Purma and Milan Cejnek, 2001
Patent 6 443 582 – *Edge-lit light assembly with light guiding structures*, with James Tarne, 2002
Patent 6 527 411 – *Collimating lamp*, 2003
Patent 6 724 543 – *Light collection assembly having mixed conic shapes for use with various light emitting sources*, with Balvantrai Patel and Jeyachandrabose Chinniah, 2004
Patent 6 707 974 – *Clamshell design for an optical light manifold and method of production*, with James Tarne, 2004
Patent 6 824 284 – *Edge-lit assembly having a manifold and lamp assembly utilizing such element*, with Balvantrai Patel, Jeyachandrabose Chinniah, Jeffrey Erion, , 2004
Several Patents Pending

Other Experience

Cornell University, Ithaca, N.Y.

8/1991 - 12/1991

Injection Molding: Assisted in research of birefringence for stress measurement in PS

Other Skills

Fluent in German, Conversant in French; SolidWorks, some ASAP, MS Access, C++, Adobe LiveMotion, Photoshop, Illustrator, Premiere, 2000/XP/ PPC operating systems, PC networking

Interests and activities

Biking, Rollerblading, Skiing, Snowboarding, Church Translation

06-03-2007