

Curriculum Vitae

Gregory J. Vishey

1254 Hawthorne Rd.
Grosse Pointe Woods, MI 48236
(586) 665-0659

Summary:

Greg Vishey is an accomplished Mechanical Engineer with 30 years of development and management experience across very diverse technologies in Truck, Defense, Automotive, Aerospace and Real Estate industries. His experiences include work with: semiconductors, optics, automotive seats, robotic welding, tool design, manufacturing & production process optimization, high-G shock levels, chemical and biological agents, electronics, computer design, finishes, software management, programming and residential & commercial structures and the management of large-scale manufacturing facilities over-seas. He is internationally published (Robert Bentley Publications), holds four domestic patents plus two international patents and is frequently selected to investigate or solve complex problems while under short time constraints, in the international arena. He can listen, assimilate and organize information and technology as effectively as he can plan actions and manage their accomplishment in a team environment.

College:

BSME, Case Institute of Technology, Case Western Reserve University, Cleveland, OH 1983
Extensive, one year senior research project at NASA-Lewis with advisor S.S. Manson researching low-cycle multiaxial fatigue failure in metals. Dean's List, Graduated with Honors.

MSA, Central Michigan University, Mt. Clemens, MI 1988, Emphasis: General Administration. Graduated with High Honors, GPA 3.8 /4.0 Masters Thesis: "Evaluation of the Non-Product Military Specifications, Standards, Directives and Instructions Affecting the Program Management of General Dynamics Land Systems" College selected 'Best Masters Project,' distributed nationally as "Thesis Under Glass" by CMU

Work Experience:

Defense:

1984 GM-Detroit Diesel Allison, Indianapolis, IN, - Component and System Test Engineer on small and large truck transmissions and transmission components. Created test plans, designed test fixtures, programmed Allen Bradley Controllers, executed testing, interpreted test results and advised Purchasing and Engineering actions with suppliers.

1984 General Dynamics Land Systems Division, Centerline, MI - Product Design Liaison Engineer – Responsible for major elements of the M1-Abrams Tank; i.e. change processing on crew seating, made by supplier Coach & Car, Electronics boxes (12), hatches, etc. Promoted to manage validation testing and change control for multiple, major subsystems: Gun and Turret Drive Systems, Gunner's Primary Sight and Crew NBC Systems. GD System Engineering Seminar (SES-III) trained 1986 for corporate executives.

1991 General Dynamics Land Systems Division/GD Services Corporation, Sterling Hts., MI, Planned and Launched an Abrams Tank manufacturing facility in Cairo, Egypt as Manager of Planning and Scheduling. Chaired the Egyptian/US Army/ US State Department Program Reviews for two quarters.

Automotive:

1994 Ford Division, Lear Corporation, Allen Park, MI - Manager, Engineering Operations, Seating. General responsibilities included establishing standardized Seating Product Development process and template for timing with EDS. Tracked staffing, training and budgets. Created head-count & expenditure plans, interfaced with Ford Management, managed and secured the award of Ford's Full Service Supplier for Seating in 1995. Created training for the Division's 96 new Seating Engineers. Training modules were drafted for each seat subsystems and conducted weekly.

1996 - GM Division, Lear Corporation, Warren, MI – Seating Development Manager GMX210/211 – (Monte Carlo/Impala). Responsible for contract scope definition, management and development of the 210/211 seating family (3 types of seat adjusters, 2 types of recliners and a family of seat frames that created a proliferation of 38 less-finish front seat assemblies and over 40 rear seat LF permutations). GM-directed material from Fisher Dynamics, Delphi and others were integrated into the vehicles with extensive changes.

12/96 UK Patent Office awarded Patent #GB2320426; Method & Apparatus for Automatic Adjustment (Detection of eye position used to determine head restraint height).

1997-2000 C5 Corvette – Lear Seating Development Manager - Responsible for technical analysis and redesign of the Corvette (C5) seat adjusters, recliners, back frame, cushion frame, lumbar system and leather & plastic trim. This

program was Lear's most visible program with bi-monthly meetings with Lear CEO regarding development progress. Resolved problems in the advance composite back frame and resolve stiffness problems with the light weight cushion frame, adjusters and recliners. I directed supplier component changes, resolved dimensioning conflicts, developed welding plans, made material choices and managed test incident resolution. Designed the current C5/C6 aluminum cushion frame, frame extrusions, assembly process and mechanized welding maps and certification. Designed and fabricated proprietary test fixtures for analyzing recliner fit and synchronous actuation. Designed proprietary seat back test fixtures that were used to investigate and resolve seat twist. Assisted the development and launch of the Azdel/foam-core C5/C6 back frame in 1999. Successfully re-drafted and resubmitted Patent #5,988,757 when two previous attempts to patent the Corvette seat structure were rejected. Note: This industry-leading seat structure is still unchanged and in use, 14 years later, in current C6 Corvette production.

1998 US Patent & Trademark Office awarded Patent #5,758,924 Corvette Seat Lumbar Support System

1999 US Patent & Trademark Office awarded Patent #5,988,757 Corvette Seat Frame SRIM Design

2000-2002 - GMT250/257 – Lear - Product development and production launch of half the vehicle interior (floors, storage, headliner, netting, IP insulator), Managed APQP implementation in a Seating plant converted to Interior systems production.

2002 - GM "High-Mid" – Lead, vehicle Interior development (program cancelled)

2002 – Lear Manager, GM – Electrical and Small Car Interiors & GMT357 Manager (electrical, doors and flooring)

7/02 US Patent & Trademark Office awarded Patent #6,422,567 Convenience Storage System (Aztek) – (SPE Body Interior Winner '01) AKA EP1216164 B1 (Euro), DE60016265T2 (Germany), WO 01/21441A1 (World Intellectual Property).

2002 - Appointed to a Six Sigma Black Belt special assignment and rapidly promoted to Corporate Project Champion with management responsibility for projects and training at all Lear Divisions. This was a two-year assignment.

2004 - Director, Continuous Improvement – Lear GM Large Car Programs ("TI" Total Interior management) – Responsible for Dealer and Customer verbatim analysis and predicting design solutions based on slowly accumulating historical data from the aging fleet. Responsible for developing product changes and tracking product improvements to J.D. Power scores and consumer verbatims. Coordinated and presented status, plans and actions to GM Plant Management, Quality and Assembly.

2004 – Development and Launch management, GMX222/272 (Cadillac DTS/ Lucerne) Lear Lighting and Interior Systems. Submitted patent application for LED lighting and command signal conversion (application is currently expired and patent not awarded).

2004 - 2006 Certified Six Sigma Black Belt & Project Champion for Lear Corporation. Generated and managed Green Belt Projects between four divisions (Chrysler, Ford, GM and International) that resulted in over \$28M annual savings.

2006 IAC-NA, Auburn hills, MI (IAC-NA purchased Lear Interiors Div.) – Sales Manager GMX222/272 Overhead systems, Garnish trim, Package Shelf and Carpet. Responsible for launch, change management and Customer interface with GM Purchasing. Negotiated changes, established department goals, staffing, cost reduction strategies and business relocation plans between domestic, Mexican and Chinese production facilities.

6/06 Patent & Trademark Office awarded Patent #6,896,321 PET/Azdel Headliner Construction

Other Automotive "Special Assignments" – Served approximately 14 years as an "in-house product expert" in many aspects of automotive product development and testing. Typically selected among a small group of company engineers to review designs, processes, test incidents and related crisis situations that involved, or risked product exposure or litigation at the corporate level.

- Ford seat heaters
- Rover seating design & business review, Coventry, England
- SEPI acquisition review, Torino, Italy
- Geo/CAMI Trim cost analysis and design opportunities
- Corvette seat design, restraint attachment, restraint incidents (seat interaction)
- GM-Truck Adjuster instability, validation & cost reduction
- J-Car manual adjuster test incidents
- Leather wear studies and wear reduction attainment (Author: Corvette Newsgroup "Leather Care FAQ")
- Corvette Seat Assembly relocation from Louisville, KY to Hamtramck, MI
- Sweden (Saab) Seating Profitability Review, Trollhattan, Sweden
- Multiple plant conversions and business relocations between the US, China and Mexico

Consulting, Inspection & Engineering Services:

1996 Published - Home Safety (& 2 Technical Articles), Robert Bentley Press ISBN 0-8376-0321-8

1996 Home Inspection Benchmarking Results in New Inspection Process & Standards

1996 Published - Home Safety (& Technical Articles, Robert Bentley Press ISBN 0-8376-0322-61998

1998-Present – Owner and President of Vishey Home Inspection, a service of A1-HomInspection.com ® LLC; a Michigan LLC created to conduct commercial and residential inspections. This LLC encompasses Engineering and Consulting activities.

1998 Joined National Association of Home Inspectors (NAHI), Member #6400

2002 US Patent & Trademark Office awarded Service Mark "A1-HomInspection.com" #2,645,779

2003 Elected to MIC-NAHI Board, Michigan Chapter, NAHI (position is current)

2004 Nationally Certified Real Estate Inspector (CRI) #200409 National exam completed & credentials awarded

2006 Material Witness, David & Joanne Romain vs. Insurance Services, Case # 05-512147-NO – Documented home conditions and potential non-conformances to Claimed remediation Standards. Collected air samples for Mold/spore Testing by EMPAT-approved lab and reported results. Deposed 8/8/06 (case active).

2006 Consultant – Thetford-Norcold Corporation, Ann Arbor – Conducted 4 Patent Searches on technologies of interest and advised on building code and performance requirements for a future consumer product (confidential). Planned and conducted meetings with corporate leadership and product development teams. Identified and recommended areas of low technical/cost barriers and those with heavy patent coverage. Recommended design concepts and evaluated regulatory and licensing barriers to target product.

2009 Registered & Credentialed as NIT (National Inspection Trainer), NAHI, Minnesota – Authorized to teach Inspection technique and criteria nationally in accordance with NAHI Standards and Practices.

2009 Consultant – Lydall Corporation – Conduct market research and advise executive management on product applications in defense market sector. Choose target products, then defined customers, programs and points of contact. Organize and schedule customer meetings toward new business. Prepare and present technical presentations regarding proprietary technologies as solutions for common defense needs. Recommend strategy for growth of GDLS business.

2009 Expert – Lakeshore vs. David, Case # 09-03835 GC – Reviewed roofing construction workmanship versus contract and applicable requirements and prepared expert declaration (settled).

2009 Expert – Touchton vs. China Twp., US Army Corps of Engineers, & Fidelity National Property and Casualty Insurance Company (Case # unassigned) – Touchton representation – Kevin Hirzel, esq. of Grosse Pointe Woods. Reviewed geographical impacts of road elevation changes and resulting flooding damage from Belle River. Assisted Draft response to multiple government departments and Insurance flood claims partially settled (favorable negotiated conclusion).

2009 Expert & Consultant - Weiner vs. Home, Door & Window Products, Inc (Case # unknown) - Retained by Charles Baker, esq., of the Trowbridge Law Firm, P.C., to independently review the Plaintiff's work product and offer an opinion regarding case viability and potential Defendant liability – (case settled).

2009 Testifying Expert & Consultant – Wingard vs. PuroClean (case # 10-004575-CH) – Review restoration work scope and evaluate Draw requests for fire restoration. Wingard representation: Jonathon D. Douglas, Douglas Law, Union Lake, MI - (case won).

2009 - 2010 Expert - Giasson vs. RCO, Case # 2:08-cv-13667 – Retained by Rader, Fishman & Grauser - Fulfilled preliminary findings and exploration as an Expert in Aircraft Seat Design arbitration; role terminated when the plaintiff elected to pursue jury trial. My support resumed 7/09 as Expert in support of trial (case settled)

2009 - 2012 Consultant & Inspector – Southwest Solutions, Detroit, MI – Services retained to review Capital investment requirements for 5-year maintenance projections for 9 apartment buildings that were recently restored and occupied.

2010 Registered FHA/HUD 203(k) Inspector #A124 4/2010, Registered FHA/HUD Consultant #P1584 5/13/2010;

2010 – 2012 Consultant– Retained by Bank of America for 203k consulting on residential repairs with 4 homes; all favorably dispositioned.

2010 – 2012 Expert & Consultant – Ahee vs. Townhouse Green et. al. (case# 2011-003283-CZ) – Review neglected maintenance and resulting mold. Client representation: Don Wheaton, esq., of Grosse Pointe, MI (case pending).

2010 – 2012 Expert & Consultant – Retained by Dave Forner, Owner, Advanced Mold Services, Clinton Twp. Review of over 30 damaged residential properties and evaluation of repairs and mold remediation effectiveness. Consultation provided to overcome process failures, to improve process efficiency and to grow business base and profitability.

2010 – 2012 Expert & Consultant – Retained by Rodney Heide, Owner, ServPro St. Clair Shores, Review of 4 damaged properties and evaluation of repairs and mold remediation effectiveness.

2011 Expert & Consultant – Retained by Jonathon Alhakim, Owner, Edge Construction, Grosse Pointe. Review of 5 damaged residential and commercial properties and evaluation of repairs and mold remediation effectiveness.

2011 Consultant – Retained by Terri Windemuth, Color Design & Décor & Handy Gals Services, Sterling Hts, to review and update Business Plan and advise on efficiencies and business structure, strategy and processes.

2011 Consultant – Retained by Olympia Entertainment, Detroit, MI to review air quality and particulates in a large office environment – Successfully root-caused the source and recommended needed correction.

2011 Consultant – Retained by Accu-Temp H&C, Macomb., to review and update Business Plan and advise on efficiencies and business structure, strategy and processes.

2011 Consultant – Retained by Habitat for Humanity, Detroit, to review multiple donated residential structures and advise on repair and refurbishment strategy and processes.

2011 Confidential Expert & Non-Testifying Consultant – Retained by Rader, Fishman & Grauer PLLC, Bloomfield Hills, on behalf of a client to review possible patent infringement in an automotive seating system that comprehends complex motion control and data processing (current)

2012 Testifying Expert– Evaluation of mold damages and effects including Expert testimony in Civil Court – Retained by Robert Schropshire to assist with resolution of a home owner's insurance claim against AAA Insurance. Ref DN-703212, disposition is pending.

2012 Confidential Expert & Testifying Expert – Automotive Seating - Retained by an out-of state OEM to review Plaintiff's possible patent infringement claims and to prepare a rebuttal (case is open and in process),

Personal Details:

DOB: 02-Jun-1958, Age: 54 Years,

Sex: Male

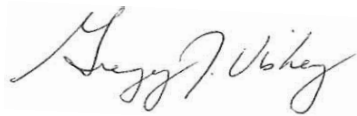
Languages Known: English, Spanish

Software Known: Microsoft Office Suite, Minitab Statistical

Programming Familiarity: ALGOL, Basic/Basic-A, COBOL, FORTRAN, Hex, HTML, Allen Bradley Ladder Logic

References: Available Upon Request

Declaration: I hereby declare that the above statements are true to the best of my knowledge and belief.



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A. Terms & Conditions:

1. Tax ID # for payment is 26-1957004, Make checks payable to Gregory J. Vishey/Vishey Consulting.
2. All work shall be billed at \$175/hour in quarter hour increments.
3. Scheduled depositions and trial appointments that are cancelled or re-scheduled with less than 24 hour's notice will each result in a charge of \$550 to cover lost business, travel time and scheduling interruptions that will reasonably result from the cancelled appointment.
4. Travel will be billed as straight time plus any actual mileage at \$0.54 per mile.
5. A work day is defined as a 9 hour day, though all 24 hours of a day are available to work. All hours worked will be billed at straight time regardless of day length or day worked.
6. Any needed rooming, meals or purchased materials / supplies will be billed at cost
7. Printing, (CD/DVD Data) Discs burned and other administrative costs will be billed at cost.
8. The completion or termination of any work under this agreement will result in the organization and compilation of all electronic and physical files, their archival and return or retention (as specified). All hours and costs associated with these activities will be billed in accordance with the above cost schedule.
9. Invoicing will be done weekly or monthly based on the level of activity and will be provided to the client's designated representative in email or hard copy format (as requested) before the first of each month and will result in full payment of those invoiced amounts no later than the first of the following month.
10. Unpaid balances over 30 calendar days shall accrue interest at 1.5% per month.
11. The client contracting these services will be responsible for any and all administrative and legal fees that accrue in the collection of any unpaid balance over 30 days.
12. Work performed under this contract is intended for the private use of the client and the client shall be held responsible for any and all costs, fees or other expenses, including all legal costs, arising from unauthorized disclosure to, or use of this work product by any third party.
13. The laws of the United States and the State Michigan shall be used for the interpretation of this contract and resolution of any conflicts.

B. The Client's billing address for this contract is:

Attention: _____, Company Name: _____

Street address: _____

City: _____ State: _____, Zip code: _____

C. The name of the person responsible for making payment on submitted invoices is:

(Print Name & address)

(email) () Phone Number

I agree to these terms:

_____ Date: _____

_____ (print)