

CA-10280

Southeastern USA

Qualifications for Packaging Engineer

Goal-oriented professional with over ten years of experience designing and leading engineers and designers in product development, quality, program management, and account management, and process engineering within the global plastics and packaging manufacturing industry. Adept at leveraging extensive technical and business knowledge of Six Sigma and Lean Manufacturing processes, resulting in reduced costs and increased profitability. Possesses a track record of optimizing part designs, from planning, cost estimating, tooling, and development to robotic work cells and final product launch. Design knowledge of Corrugated, EPS, PE and PP foam products, and folding cartons. Training in sustainable principles and environmental packaging. Five years Experience in plastic part tooling, capital equipment, facilities, piece price and assembly equipment for plastic and metal stampings. Areas of expertise include:

Contract Negotiations • Financial Management • International Business • Project Management
Purchasing • Quality • Sales Development • Shock and Vibration • Injection Molding • Six-Sigma • Lean
Manufacturing • Cost Estimating

KEY ACHIEVEMENTS

- Produced a 50% reduction in parts and over \$1 million in savings by streamlining multiple assemblies into one process.
- Delivered a program 35% under budget, at a profit of \$560,000, by effectively managing the design schedule.
- Led the engineering team that produced the best performing HVAC system in all Ford vehicles (2007 F250 Super Duty), which contributed to a \$5-million sales increase.
- Designed and presented management with a new plant layout, supporting the capacity of future growth and expansion.
- Managed multiple projects for a company, including: three GM projects, three Ford projects, and two Nissan projects with a staff of three designers and three engineers.
- Delivered an annual cost reduction of \$20 million; replaced suppliers on a GM HVAC program, generating \$4.5 million in annual savings.

PROFESSIONAL HISTORY

MAJOR MANUFACTURER OF APPLIANCES, **Packaging Engineer** May 2007-Present

- Responsible for maintaining distribution packaging for three dishwasher lines as well Asian sourced product. Provide engineering support for dishwashers, refrigerators, and cooking products. Participate in cost reduction and service call reduction engineering changes. Design and Develop packaging and plastic parts for new models. Document test plans, Engineering Change Notices, and Product Trial Runs. Forecast project savings, timelines, and budgets. Complete investment requests to support new capital equipment purchases. Monitor Damage at the customer level on a weekly basis.
- Redesigned dishwasher packaging for cost savings and 220,000 lbs reduction of EPS foam

PROFESSIONAL HISTORY, CONTINUED

BRISTOL-MYERS SQUIBB, **Consultant**.....May 2007

Support Trial Runs and Maintain and Troubleshoot Medical Products Automated Assembly and Packaging line.

Trained in GMP and Clean Room manufacturing practices.

PROGRESSIVE MOULDED PRODUCTS, **Product Development**.....February 2006-January 2007

Oversaw the Instrument Panel Design and Packaging for the Ford Mustang with a \$1.6 million budget as well as a Front Console Design for the Ford D471 with Catia V5 and Teamcenter Designers located at multiple sites. Directed design, bill of materials, and part assembly to meet Ford specifications, including computer aided design, automated information systems, and DVA (design, verify, assigned) requirements. Delivered and Administered program progress and issue reports to customers and home office in Ontario, Canada. Developed technologies and led supplier relationship building. Collaborated with external tiered suppliers to integrate parts into Instrument Panel.

- Met 'Best in World' targets for fit and finish of Instrument Panel Trim Panels.
- Designed injection molded trim panels, doors, electronic cluster assemblies, and covers.
- Thermoformed overmold and metal overmold appliques.

ABC GROUP SALES & MARKETING, **ACCOUNT MANAGER**.....September 2003-February 2006

Oversaw a customer base for the HVAC and interiors product line. Provided business forecasting and planning, including a 5-year strategic plan. Maintained sales as well as customer database for current and prospective clientele. Negotiated contracts in collaboration with the Tier 1 and OEM purchasing department. Assessed resources and recommended cost saving initiatives to support engineering and manufacturing. Co-located on site at customer location provide design, cost, and feasibility studies for blowmolded and Injection Molded parts.

- Launched 12 new tools into a Mexican facility to complete a GM product.
- Saved customer~\$200,000 by implementing infrared welding into a manufacturing plant to reduce cycle time and capital equipment costs.
- Designed and Packaged Instrument Panel components for best fit and tooling conditions.

VISTEON CORP., **Cost Estimator**.....June 2002-September 2003

Provided cost and budget projections for future HVAC and Interior Programs. Evaluated supplier quotations for facilities, piece cost and tooling price. Negotiated tooling reductions and reviewed estimating process for cost and production refinement. Parts included thermoformed, injection, blow, and compression molded front end radiator modules, interior trim, instrument panels, and consoles, as well as hvac products.

Trained in corporate sustainability as part of Dow Jones Sustainability index requirements.

- Saved over \$1 million annually in tooling costs by negotiating contracts on new tools and utilizing engineering changes.
- Contributed to \$100 million in savings by participating and collaborating in cost reduction workshops.

PROFESSIONAL HISTORY, CONTINUED

LORRO INC., **Project Engineer**..... March 2002-June 2002
Headed new Expanded Polystyrene and Polypropylene energy absorber projects for Ford; quoted costs and necessary engineering adjustments and optimization. Developed new products and processes. Designed plastic packaging inserts.

PIONEER AS, **Development Director**.....June 2001-February 2002
Led Mexico and US customer accounts for the plastic injection molding business; responsible for collecting outstanding payments, communicating new product costs/quotes, and providing new customer presentations. Implemented and trained ISO:9001 procedures and policies. Processed new injection molds at start up. Assisted in the design and construction of industrial products, consumer products, and automotive radiator tanks.

- Ensured the delivery and payment of \$100,000 in outstanding sales.

SARNAMOTIVE BLUE WATER INC., **Project Engineer**.....October 1996-MAY 2001
Managed the interior and HVAC programs for Delphi, Saturn, Chrysler, and GM (international market: Germany, Italy, and France) with a staff of high-performance designers and full service supplier contracts, supporting \$18 million in business. Developed headlamp assemblies for Bosch Automotive Lighting. Interior trim, seat assemblies, and lever mechanisms for Intier seating. HVAC products for Delphi.

NEWCOR MIDWEST RUBBER. **Project Engineer/CAD Administrator**.....August 1993-October 1996
Designed and Developed rubber seals, gaphiders, boots, and interior products using CatiaV4, Pro-Engineer, and Cadkey. Managed UNIX network, implemented manufacturing work cells, participated in Kazan events. Supported Rubber dip molding, Slush Casting, PVC molding, and two shot injection molded parts.

Motorola Paging Products Division, **Packaging Engineer**.....November 1992-March 1993
Developed and implemented lean manufacturing principles in paging products packaging line for industrial and retail products.

IBM Corporation, **Packaging Co-Op**.....June 1991-January 1992
Development of corrugated, EPS and EPP packaging for personal computers, store systems and ATM machines. Over 500 hours of shock and vibration lab testing for sine and random vibration, package drop tests, and fragility analysis. Negotiated with industrial and Retail packaging vendors.

ACADEMIC/PROFESSIONAL CREDENTIALS

- Masters in Business Administration**, East Carolina University 2011
- Bachelor of Science, Packaging Engineering**, Michigan State University
- Member**, Society of Plastics Engineers, Dale Carnegie ,Karass Negotiating Plastic Injection Mold Processing, Debbie Viges Consulting
- Part Design for Manufacture, Debbie Viges Consulting
- Keith Childress Practical Catia V5, Continental Design Catia V4
- Pro-E, AutoCad Inventor, and Solidworks Experienced