Susan R. Mobley

Mobley Engineering, Inc.
P.O. Box 600
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Summary of Experience and Qualifications

Mobley Engineering, Inc., 1999 to Present
President and majority owner of Mobley Engineering, Inc., founded in 1999, offering dissolved oxygen enhancement feasibility studies, aeration system designs and installation of the line diffuser reservoir oxygenation system. Responsibilities include business functions: bookkeeping, job tracking, contract negotiations, insurance and engineering assistance in manufacturing line diffuser components, CAD drawings, and reports.

Domestic Engineer, 1992 to 1999
Seven year sabbatical from full time employment to deliver and raise two boys.

Audio Animation, Inc., 1989 to 1992
Packaging Engineer for design and specification of all mechanical components for Audio Animation, Inc. product lines: *The Muse*, a digital mastering console created for the professional recording industry; *The Paragon*, an audio control unit using the latest digital signal processing (DSP) technology designed for the radio broadcasting industry, and *The DSP*, a specialized digital signal processor also used for audio broadcasting. Responsibilities included the mechanical design and computer generated drawings of *The Paragon* product from concept design to final product including the container; the ergonomically designed control front with touch screen, artwork, and hardware; and the layout of the internal circuit boards, mechanical components and wiring. *The DSP* unit included initial mechanical design, Generic Cad drawings, and prototype production.

Rexnord, Inc./ Power Transmission Components, Inc., 1985 to 1989
Manufacturing Engineer for Rexnord, Inc,. (formerly Link Belt Bearings and P.T. Components, Inc.) a roller bearing manufacturing plant.. Responsibilities included plant engineering duties and AutoCAD drawings for the roller finish grinding, assembly, and packaging departments; implementing several cost reduction projects incorporating modernization techniques of automated material handling systems; specifying and installing new assembly and packaging equipment for improved processing times; handling daily operation or quality problems in each department.

Education

B. S., Industrial Engineering, University of Tennessee, Knoxville, Tennessee, 1985