

David M Skinlo

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Objective

Engineering and Design Consultant focused on the development of early-stage medical devices to support customer's requirements and timelines.

Profile

Energetic, innovative engineering professional and entrepreneurial spirit with a track record of developing and launching successful products. Talent for quickly analyzing problems and developing solutions.

Diplomatic and tactful with professionals and non-professionals at all levels. Demonstrated history of innovation with creativity, sound design and attention to developing intellectual property.

Flexible and versatile – able to maintain a focus under pressure. Poised and competent with demonstrated ability to easily transcend technical and corporate differences. Thrive in deadline-driven environments. Excellent team-building skills.

Skills Summary

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|--------------------------|------------------------|---------------------------|
| ◆ Concept Development | ◆ IP Analysis/Strategy | ◆ Prototyping |
| ◆ 3-D Modeling, SW 09 | ◆ Patent Drafting | ◆ Design Documentation |
| ◆ Advanced Analysis- FEA | ◆ Project Management | ◆ FMEA/Risk Analysis |
| ◆ Advanced Manufacturing | ◆ Regulatory, FDA, ISO | ◆ Verification/Validation |

Professional Experience

DESIGN AND DEVELOPMENT:

- ◆ Project lead of facet replacement system clinical support project, which required coordinating design changes, validation testing and manufacturing builds to the support clinical trial.
- ◆ L5-S1 and Multi-Level Implant Design Lead, responsible for implant mechanical design, testing and, clinical morphology study. Included instrument design and development to support implantation.
- ◆ Suture Passer redesign Project Lead, completely redesigned ExpressSew suture passer based on customer input, included conceptualization, prototyping and design documentation.

PROJECT MANAGEMENT/LEADERSHIP:

- ◆ Project Lead of Injectable battery project, BION, which included cross-functional team management, design, and manufacturing process development. Project over came several significant hurdles to reach delivery on time and on spec.

IP EXPERIENCE

- ◆ Directly involved in the writing, analyzing and evaluation of medical device IP, including FTO analysis.
- ◆ Named Inventor on approximately 12 issued and 22 pending patents.

Employment History

BLUE POOL DESIGNS, LLC – Logan, UT

www.bluepooldesigns.com

Principal, January '09 to Present

Principal engineer and owner of Blue Pool Designs, LLC which provides design consulting services for clients in the medical device industry.

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MEDICINE LODGE/IMDS – Logan, UT

Senior Engineer, R&D, January '08 to January '09

Senior Design Engineer on Facet Replacement project. Responsible for the design of L5-S1 implant system and multi-level constructs. Included implant designs, Morphology studies and supporting instrumentation.

FACET SOLUTIONS, LLC – Logan, UT

Senior Engineer, R&D, September '07 to January '08

Senior Design Engineer on Facet Replacement project. Responsible for clinical support of Gen I Facet Replacement System, Included instrument designs changes and testing, surgeon training/labs and OR Support.

TYCO ELECTRONICS, MEDICAL DIVISION – Portland, OR

Product Development Engineer, R&D, September '06 to September '07

Product Development Engineer brought in to initiate the development of an invasive medical device group. Developed imaging catheter designs, included extrusion design and steering mechanisms.

SURGICAL SOLUTIONS, LLC – Portland, OR

Consultant, January '06 to September '06

Developed next generation suturing device for large medical device manufacturer.

SURGICAL SOLUTIONS, LLC – Valencia, CA

R&D Engineer, May '04 to January '06

Responsible for the conceptualization, design and development of next generation medical devices for the focused on the Orthopedic Industry.

QUALLION – Valencia, CA

Mechanical Engineer, November '00 to May '04

Designed, Prototyped and Developed implantable Li-ion batteries for implantable medical devices and specialty applications

Education

OREGON STATE UNINIVERSITY – Corvallis, OR

BS of Mechanical Engineering, 2000

PLI PATENT AGENT TRAINING – San Francisco, CA

Patent Agent, Training Complete- Need to Sit for Exam