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<b>Position Title:</b>	Sr. Product Development Engineer	<b>Date:</b>	May 3, 2017
<b>FLSA:</b>	Exempt		

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**COMPANY OVERVIEW:**

Vention Medical is a full-service provider of medical device design, product development, and manufacturing services. We help medical device companies bring innovative products to market quickly and cost-effectively.

**POSITION SUMMARY:**

Participates as a team member in the product development process from concept through market introduction on a contract basis for client companies.

**ESSENTIAL DUTIES AND RESPONSIBILITIES:**

- Develops new concepts from initial design to market release.
- Investigates and evaluates existing technology.
- Designs and implements new methodologies, materials, machines, processes or products to bring concept to market, including essential product and process documentation.
- Participates in the organization and execution of interdepartmental activities to ensure the completion of projects on schedule and within budget constraints. Conducts feasibility studies of the design to determine ability to function as intended.
- Maintains detailed documentation throughout all phases of research and development.
- Prepare project plans that specify project phases, tasks, task interdependencies, durations, resource assignments, and costs. Conduct risk analysis for products under development.
- Interacts with customer and supplier companies in a professional manner; proactively communicates with them to ensure an ongoing two-way exchange of information. Coordinates activities with outside suppliers and consultants to ensure the delivery of supplies or services needed to meet scheduled timelines.
- Partners with Program Managers and technical staff to generate and develop concepts, prototypes and developed products / processes for new medical devices.
- Line management of junior resources. Ensures that all direct reports are efficiently utilized and billable at target levels, and assists in the development and mentoring of direct reports.
- Participates in brainstorming and design reviews. Maintains standards of excellence in all Product Development processes. Generates innovative concepts for new medical device designs to satisfy clinical requirements and meet or exceed customer expectations.
- Any other duties as assigned.

**REQUIRED EDUCATION, EXPERIENCE, SKILLS AND KNOWLEDGE:**

- Bachelor's degree in Mechanical, Biomedical Engineering or related discipline is required.

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- Minimum of 5 years of medical device design and development experience is required.
- Demonstrated ability to bring products from concept to market.
- Familiarity with design for manufacturability is desired.
- Ability to interact with client companies in a professional manner.
- SolidWorks 3D CAD proficiency.
- Familiarity with FDA QSR and ISO 13,485 medical device regulations.
- Knowledge of probability and statistics.
- Efficiency in the management of resources.
- Customer focus with excellent communication skills, written and oral.
- Depth of knowledge in one or more clinical areas.
- Depth of knowledge in one or more product areas.
- Depth of knowledge in one or more technical areas, for example finite element analysis.
- Flexibility, persistence, resourcefulness, a drive to succeed, and an entrepreneurial spirit.

*The above statements are intended to describe the general nature and level of work being performed by people assigned to do this job. The above is not intended to be an exhaustive list of all responsibilities and duties required.*

External and internal applicants, as well as position incumbents who become disabled as defined under the **Americans with Disabilities Act** must be able to perform the essential job functions (as listed) either unaided or with the assistance of a reasonable accommodation to be determined by management on a case by case basis.