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INDUSTRIAL DESIGN

BUSINESS SUMMARY

LA New Product Development Team (LA NPDT) is a distinguished, woman-owned, full-service product development firm excelling in end-to-end solutions from concept to market launch. Renowned as a premier industry provider, we specialize in designing, developing, prototyping, manufacturing and marketing hardware and IoT products. By leveraging cutting-edge technology and state-of-the-art processes, we drive innovation and meticulously tailor bespoke solutions to our client's unique requirements.

We maintain an ISO 9001-compliant management system and are a FDA-registered entity, reaffirming our commitment to quality and regulatory compliance.

PRODUCTS & TECHNOLOGY COMMERCIALIZATION

Our Industrial Design service merges creativity and technical expertise to create optimized and visually appealing products across various industries.

USER RESEARCH:

LANPDT studies the target audience and their interactions with similar products to inform our design decisions..

IDEATION AND SKETCHING:

Multiple design concepts are generated, assessed for ergonomics, usability, and brand alignment.

3D MODELING:

Advanced CAD tools translate design concepts into 3D models for refinement and visualization.

MATERIAL AND FINISH SELECTION:

At LANPDT, we select suitable materials and finishes considering their properties, manufacturing processes, and desired aesthetics.

PROTOTYPING AND TESTING:

Physical prototypes are tested for ergonomics, usability, and overall user experience, informing design refinements.

DESIGN FOR MANUFACTURING (DFM)

The LANPDT team optimizes designs for efficient production by considering part consolidation, tooling requirements, and cost-effective manufacturing techniques.

AT A GLANCE

- **541715** Research and Development in the Physical, Engineering, and Life Sciences (except Nanotechnology and Biotechnology)
- **541714** Research and Development in Biotechnology (except Nanobiotechnology)
- **541420** Industrial Design Services
- **541990** All Other Professional, Scientific, and Technical Services
- **541714** Research and Development in Biotechnology (except Nanobiotechnology)
- **541511** Custom Computer Programming Services
- **511210** Software Publishers
- **339999** All Other Miscellaneous Manufacturing
- **332710** Machine Shops
- **332510** Hardware Manufacturing
- **326199** All Other Plastics Product Manufacturing
- **325220** Artificial and Synthetic Fibers and Filaments Manufacturing
- **541611** Administrative Management and General Management Consulting Services
- **541612** Human Resources Consulting Services
- **512110** Motion Picture and Video Production
- **541613** Marketing Consulting Services
- **541910** Marketing Research and Public Opinion Polling
- **339940** Office Supplies (except Paper) Manufacturing
- **339930** Doll, Toy, and Game Manufacturing
- **337215** Showcase, Partition, Shelving, and Locker Manufacturing
- **337214** Office Furniture (except Wood) Manufacturing
- **314999** All Other Miscellaneous Textile Product Mills
- **611699** All Other Miscellaneous Schools and Instruction
- **423490** Other Professional Equipment and Supplies Merchant Wholesalers
- **459410** Office Supplies and Stationery Retailers
- **423450** Medical, Dental, and Hospital Equipment and Supplies Merchant Wholesalers
- **326199** All Other Plastics Product Manufacturing
- **322291** Sanitary Paper Product Manufacturing

TEAM QUALIFICATIONS

Our team is composed of highly qualified professionals, including Ph.D. holders, Executive MBA graduates, and experts in engineering, design, marketing, and manufacturing. We excel in managing complex projects, consistently exceeding client expectations due to our diverse and exceptional skill sets. Led by founders Konstantin Dolgan and Onega Ulanova, both with strong engineering and business backgrounds, LANPDT was established in Shreveport, LA, in September 2016, and has since grown into a comprehensive product development company.

TESTIMONIALS

"The organization, team and its management team were cohesive, well organized and highly professional."

Dr. Barry Stevens
President at TBD America

"LA NPDT demonstrated an extraordinary level of commitment to fulfill their mission of innovative product design and deployment."

Kathy Wyatt
Director at Technology Business
Development Center

"The la new product development team is an excellent example of entrepreneurial student initiative that is helping to grow a strong culture of innovation."

Dr. Dave Norris
Chief of Innovation at Louisiana Tech