

Due Diligence of Technology

The Rocky Research scientists, engineering, and manufacturing specialists are dedicated to assist potential investors in vetting all technical aspects of a venture from:

- The basic science
- The technology platform
- The resulting products and manufacturing requirements
- Product positioning and protection of IP via asymmetrical examination of trade secrets and patents

Right Team, Right Focus, Right Experience

✓ *We are proven experts in successfully validating the science and the product to be market ready.*

Rocky Research does this by:

- Assessing the scientific validity
- Confirming the technology platform steps
- Mapping disruptive technology and patent challenges
- Determining the manufacturing technology path/risks

✓ *We have extensive expertise in design, prototyping, and testing.*

Examples include:

- Chemical, mechanical, and electrical expertise
- Thermodynamics (energy conversion, heating, cooling and refrigeration)
- Materials science
- Corrosion technology
- Fluid Mechanics (FEA, CFD)
- Thermal management products and components
- Renewable energy technology and integration
- Power electronics design and control
- Variable speed controls and systems

✓ *We assess technical and economic feasibility issues and options.*

Science → Technology → Market Feasibility Assessments:

- Analyze and verify the science behind products, systems, and controls
- Enhance venture management's technical and scientific product knowledge
- Identify requirements in translating from science to completed market-ready product

✓ *We define the risks and solutions for the business plan.*

Research Essentials:

- Analyze costs of production elements assumed in the business plan
- Assess patent claim strength and scope against alternative options to bypass patents
- Evaluate patents vs. trade secrets, and identify with method is best
- Vet market research data from alternative technology competition, uniqueness of product, etc.
- Function as investor's technical advisor, initial and ongoing (if required)

Professional Services for Venture Analyses

COMMERCIAL | INDUSTRIAL | DEFENSE

The logo for Rocky Research, featuring the word "Rocky" in a large, white, serif font and "Research" in a smaller, white, sans-serif font, both on a red rectangular background.

✓ *We test expense projections, from prototyping to manufacturing.*

Core Strengths of Rocky Research:

- Advise on prototype development to validate technology
- Prototype design-build-test and quality assurance requirements
- Prototype to manufacturing, incremental requirements
- Validate stated cost projections

✓ *We advise venture management on product readiness.*

Integrity in the Details, Production to Market:

- Necessary operational staff qualifications
- Manufacturing process layout
- Manufacturing facility requirements
- Implementing quality assurance programs
- Demonstrate product and sample needs
- Manufacturing and sales force selection, and training and education
- Product's market readiness validation

✓ *We have a committed team of scientists and engineers, the tools, and the facilities to deliver.*

Rocky Research Team Credentials, A Successful Track Record:

- Rocky Research has a long history of creative technical solutions across a broad range of commercial, industrial, and defense products and applications
- Our engineers, scientists, and technicians bring together a wealth of chemical, mechanical, and electrical expertise to review, design, prototype, test, and manufacture a wide variety of technology based products and components
- Rocky Research's facilities include an analytical laboratory for chemical analysis, physical property measurements, and prototype development; an assembly and testing facilities for mechanical, electrical, and thermal equipment; as well as a prototype machine shop
- Rocky Research has over 25 years of experience and 250+ Global Patents

For More Information, Please Contact:

Uwe Rockenfeller, Ph.D.

President and CEO

Office: (702) 293-0851

Fax: (702) 293-0854

uwe.rockenfeller@rockyresearch.com