**What we do:**

We are professionals in the development of battery materials, cell design, and processes with multiple decades of combined experience working with Duracell, Gillette, and Procter & Gamble. We are experts in a variety of battery chemistries including lithium primary, lithium secondary, alkaline primary, alkaline secondary chemistries.

Our consulting work is independent and strictly confidential.

**Materials Development:**

We develop detailed plans for characterization of materials. These plans include detailed methodologies, required equipment, suppliers of materials, experimental design and setup. We also analyze experimental data and provide a view on patentability and IP Strategy.

We develop workflow starting from material to final cell design.

**Battery Prototyping:**

We review existing cell designs and recommend improvements.

We construct detailed product development plans with design spreadsheets, and a workflow from prototype to pilot line production.

We provide confidential, technical opinions and review drafts of planned patent applications and publications in scientific magazines.

**Battery Production:**

We assess products. We also conduct troubleshooting for issues during production. We conduct FMEA and perform Root Cause Analysis.

**IP and SWOT:**

We analyze patent portfolios and propose improvements. We develop IP strategies.

We review patents and patent applications and provide technical opinions.

We provide strategic planning by identifying strengths, weaknesses, opportunities, and threats related to battery products (SWOT analysis).

**For Investors in the Battery Technology Field:**

We provide confidential assessment of the technical part of your future investment.

**Human Resources:**

If you are in the process of hiring personnel, we conduct technical interviews for engineers, scientists, and technicians.

**About Us:**

* Specialties: Electrochemical Engineering
* Batteries

Dad:

* Deep expertise in electrochemical engineering leading to solutions of complex problems
* Consistent track record of key battery technology innovations; leadership in IP strategy
* Strong fundamental understanding of portable power technologies
* Extensive expertise in various battery chemistries
* Ph.D. in electrochemical engineering
* Over 51 granted US patents
* Technical legal representation

Mom:

* Proven record of technical leadership and successful delivery of projects Mom
* Proficiency in FMEA, Root Cause Analysis, DOE, and Statistical Analysis Mom
* MS in material engineering Mom
* Over 12 Granted us patents Mom
* Proven knowledge of industry regulatory requirements of primary and secondary batteries.