

Innovative Patented Lunch Box Cooler Combines Smart Technology, Solar Power, and Everyday Convenience

PITTSBURGH, PA, UNITED STATES, August 19, 2026 /EINPresswire.com/ -- Charlotte J. of South St. Paul, MN is the creator of the Battery Lunch Box, a new patented lunch box cooler changing the way people transport meals by combining advanced cooling technology with practical everyday storage. Designed for people on the go, this innovative lunch box offers a convenient solution for keeping food fresh while protecting personal belongings.

Unlike traditional lunch boxes, this patented design features:

- Solar charging capability
- Rechargeable lithium battery
- Vehicle charging option for travel
- Digital LCD temperature display
- Insulated cooling compartment to help keep food fresh
- Separate dry storage compartment for items such as wallets, keys, phones, and other valuables

The lunch box was created with versatility in mind and is ideal for:

- Construction workers
- Students
- Hospital and healthcare employees



- Office professionals
- Campers and outdoor enthusiasts
- Fishermen
- Families and anyone needing reliable food storage away from home

"This invention was inspired by the need for a lunch box that does more than simply hold food," said inventor Charlotte Jerez. "People deserve a portable cooler that keeps meals fresh while offering the convenience of smart technology and secure storage."



With its combination of renewable solar power, rechargeable battery operation, and practical design, the patented lunch box cooler represents a modern solution for today's active lifestyles. The inventor is currently seeking opportunities with manufacturers, licensing partners, distributors, retailers, and investors interested in bringing this innovative product to consumers.

Charlotte filed her Utility Patent with the United States Patent and Trademark Office (USPTO) and is working closely with [InventionHome](https://www.inventionhome.com), a leading invention licensing firm, to sell or license the patent rights to her Battery Lunch Box product. Ideal licensing candidates would be U.S. based product manufacturers or distributors looking to further develop and distribute this product innovation.

Companies interested in the Battery Lunch Box can contact InventionHome at member@inventionhome.com, or contact Charlotte directly at charlottejohnson871@gmail.com or by calling 818-647-5021.

Inventors currently looking for assistance in patenting, marketing, or licensing their invention can request information from InventionHome at info@inventionhome.com or by calling 1-866-844-6512.

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