

## **New Innovation Emerges for the 21st Century!**

*“Bringing the power of the sun into your kitchen”*



June 10, 2019 Santa Cruz, CA

**Announcing a new recently patented product that will  
change how we cook in our modern kitchens.**

### *A new Solar Thermal Cooking Appliance for the Modern Kitchen*

The “**Solar Z**”, recently has been awarded and issued a 2<sup>nd</sup> Patent. **Patent No. 10,247,447** from the U.S. Patent & Trademark Office (PTO). Together with the 1<sup>st</sup> Patent, **Patent No. 9,644,864**, this invention combines leading edge technology and practical design.

With a Third patent now pending, and other patents potentially forthcoming, this revolutionary product transforms and introduces solar energy directly into our modern kitchens for the first time.

#### **Other significant and recent product development milestones include:**

- **Solar Z** *alpha* prototype phase level (designed, built, and testing) completed.
- 1<sup>st</sup> Manufacturing production fabrication & assembly of **Solar Z** *beta* test units achieved. Testing & refinement in progress.
- 1<sup>st</sup> phase of the **Solar Z** electronic controller prototype with rapid positioning & sun tracking designed, and built. Testing & refinement in progress.
- 3<sup>rd</sup> Patent application filed with PTO.
- Financial seed funding, raising development funds: Contribution funding support received & continues.

#### *“Bringing the power of the sun into your kitchen”*

The **Solar Z** solar thermal system is designed and created to mainstream & integrate solar energy into your kitchen. The entire **Solar Z** cooking process is seamlessly performed without leaving the kitchen. No more walking around or adjusting to solar sunlight with troublesome spillages and excess adjustment activities.

Developed to meet the pressing 21<sup>st</sup> century needs of our time, the **Solar Z** appliance launches the solar oven into a new level of use. From energy needs to conservation, pollution effects to building a balanced environment for future generations, the **Solar Z** will help transform these vital issues in our future.

The **Solar Z** has been created to *integrate and automate*. The **Solar Z** enables access to solar energy with practical ease. Using free energy within the modern kitchen in a user friendly way, the **Solar Z** shifts the use of current dirty energy kitchen appliances through a new integration with solar energy (**use less dirty energy**). This is a game-changer.

In the current solar cooking industry, solar thermal cooking is performed with portable solar ovens which are not capable of being used in an ordinary kitchen. These current products are not automated and integrated into a user friendly interface technology for mainstream, constant use. Portable ovens are used out and away from the kitchen creating complex and fragmented difficulties for the solar thermal cooking process and operator, therefore not being able to be used with mainstream frequency. They do not provide a seamless, effective and convenient process. Current in the wall cookers are not flexible enough for effective multi-positioning changes required for effective solar collection.

By introducing the **Solar Z** and using solar energy in the modern kitchen system, the use of dirty energy appliances used in the modern kitchen system will be reduced significantly.

The **Solar Z** makes a huge stride forward in technology development from the current art to bring solar cooking to a much higher level and directly into the kitchen.

This **Solar Z** solar thermal system has an innovative, patented positioning method not seen before which integrates with a unique solar oven design configuration. The **Solar Z** interfaces directly with an operator inside a kitchen just like any single use appliance. The **Solar Z** is designed to integrate every step necessary to solar cook into one seamless, continuous process from start to finish. This is truly a “game-changer” in the current solar cooking market.

The **Solar Z** has extraordinary design features long needed, extending solar thermal cooking to a whole new level of performance:

- the capacity to cook up to 25lbs of food load
- a standardized oven chamber design capable of cooking with two 9 inch pots together, side by side for large food volumes
- full control of the cooking chamber from easy controls without leaving your kitchen

These are just a few of the advantages elevating the **Solar Z**'s product performance to be convenient as other appliances you use.

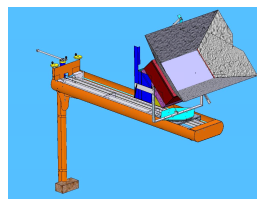
### ***There is a large potential market waiting for the Solar Z***

In the U.S. alone, over **300 million** people need cooking. In the cooking appliance market, shipments of all cooking appliances sold in the U.S. in 2015 (Association of Home Appliance Manufactures, AHAM), were **15,471,000 units**. According to the U.S. census, over **91 million** detached single family homes are in the U.S., with approximately **31 million** being in the sunny Pacific Southwest alone. These figures do not include multi-story housing applications that will be accommodated by the **Solar Z**.

**Solar Z** addresses our future:

- **7 billion** people need cooking on the planet
- **Modernization** covering the planet
- **Energy & pollution** must be addressed

Now for the first time, begin to enjoy the benefits of solar thermal cooking in your kitchen with the **Solar Z**.



**Solar Z**

**"Bake to Nature!"**

The ultimate in solar cooking. Stay tuned for more roll out details in the coming future.

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