

**NEWS RELEASE - US National  
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**Food Puck™ Assistive Cooking Device and Sensory System -- Patent Granted**

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**Columbia, MO:** Today, WINDGO, Inc., a research and development company specializing in smart material and vibrational transfer technologies announced that they were granted US Patent # 10,022,008 designed to allow a user to more conveniently prepare personalized meals by use of a portable assistive device. The device is designed to provide highly consistent, customized meal preparation by food preparation professionals in restaurants and kitchens, as well as in home and industrial settings.

This highly-anticipated patent, which was granted approval after an unexpectedly short review, is in line with WINDGO's focus on energy, resonance and vibration technologies and products.

The WINDGO Food Puck™ incorporates sensors situated within a housing, a dispenser and optional utensil holder. The device has memory that stores computer-readable instructions and a processor that is configured to execute instructions such as obtaining wireless input from mobile devices, accessing data from a remote database, obtaining a reading from one or more device sensors and actually dispensing a substance directly onto the food or in the pan as indicated by the reading. This assistive cooking device will therefore be able to communicate with the Internet of Things (IoT) network infrastructure currently evolving - and into the future.

WINDGO's patented methods allow for

- Monitoring the cooking process and providing a controlled response
- Maintaining and regulating temperature of the food being prepared  
Heat dissipation
- Media communication (USB drive, SD, smart phone, etc.) with the device, thus allowing the user to send and receive instructions from the device
- Acceptance of voice commands and taking action based on those commands
- Response to gesture commands
- Access to a food database containing information about specific food items such as key ingredients and appearance, and then to prepare the food item in line with the personal preferences of a consumer. The database may also include pertinent information about particular cooking devices (ovens, microwaves, toasters, etc.) to allow for variations in manufacturers settings
- Reduced risk of foodborne illness through the device's cooking assistive modules to detect and determine food spoilage via a databank of smells and images communicating with bacteria, olfactory and camera sensors

- A GPS module to determine the location of the cooking operation and adjust the recipes for differences in altitude as well as distance of the user from the cooking operation
- Identifying substances to which the consumer may be allergic and activating an alarm
- Attachments to hold a spoon, spatula, etc. to actively stir the food as needed

Additional features of the patented technology include the ability to detect, record and transport information regarding food safety, freshness, min/max temperatures experienced in a professional or private vehicle transporting food items by means of a Media Access Control (MAC) network address.

WINDGO, Inc. is focused on the IoT End-Node market expansion that is forecasted to exceed one trillion dollars by 2025. This new patent protects methods of embedded sensing and response in food preparation and delivery.

This new invention is based on technologies that evolved from the original works of inventor Fielding Staton. His invention of the Absorbud in 2013 has led to industry-changing advancements in macro, micro, and nano-based technologies.

**WINDGO/Newtonoid Cooking Assistive Device US Patent – (7/17/2018) 10,022,008**

See PDF US Patent attached    Public Press Copy- Freely Distributed

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**About WINDGO, Inc:** WINDGO, Inc. ([www.WINDGO.com](http://www.WINDGO.com)) is a privately-held company based in Columbia, MO. WINDGO, Inc. has several patent holdings within its Intellectual Property holding company – Newtonoid, LLC which has been in the research and development business since 2013. Founded in 2016, WINDGO, Inc. has researched, developed, and produced a variety of smart products and other intelligent product subsystems in the sensory and digital markets including Absorbud, smart windows, smart damping adhesives, robot skin membranes, systems for receiving packages delivered by unmanned vehicles, and mapping systems for projecting tape measures onto a surface.