NEWS RELEASE - US National
FOR IMMEDIATE RELEASE
July 17, 2018

Drone Chute™ Systems & Methods for Receiving Packages Delivered by Unmanned Vehicles - 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 # 10,026,054 for safe, efficient and secure methods of receiving packages delivered by unmanned vehicles. This patent is in line with WINDGO's focus on energy, resonance and vibration technologies and products.

Technologies for package loading and delivery to an intended destination (business, home, restaurant, etc.) are well underway, as demonstrated by Amazon's Prime Air, UPS and Flirtey (in partnership with 7-Eleven). However, the myriad factors and dynamics of actually receiving the packages at destination are addressed by WINDGO's unique Drone Chute™ collapsible package receiver, notification and building attachment methods.

WINDGO's Drone Chute™ is comprised of a collapsible package receiver adapted to be movably coupled to a building. The package receiver may be configured to receive the package well above ground to increase safety and security of the package and unmanned vehicle. An elevating mechanism (rope/pulley) may be employed for this purpose. The package receiver moves to a "pop-out" position to receive the package from the unmanned aerial vehicle, and contains a processor to determine the characteristics of the package (weight, dimensions, etc.) and to notify the sender once the package has been received. The receiver then returns to the collapsed position.

"The evolution of drone design and package loading and delivery appears to be far ahead of dealing with the complex considerations of the receiving functions," says David Strumpf, WINDGO VP of R&D. "With the Drone Chute™ patent, we open a wide range of partnering opportunities to complete the shipping/receiving process safely and with a high level of package security. IoT communication between the Drone Chute™ and the drone delivery system ensures safe and reliable package tracking and handling."

WINDGO, Inc. is focused on the IoT End-Node market expansion that is forecasted to exceed one trillion dollars by 2025. This patent protects methods of embedded sensing and receiving packages from unmanned vehicles.

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 Systems & Methods for Receiving Packages Delivered by Unmanned Vehicles US Patent – (7/17/2018) 10,026,054
See PDF US Patent attached Public Press Copy- Freely Distributed

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About WINDGO, Inc: WINDGO, Inc. (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, projection mapping systems for measuring, and cooking assistive devices and sensory systems.