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WINDGO, Inc., ProVector™ 2.0 Measurement and Projection Mapping System Patent Granted

Columbia, MO - February 19, 2019 - Today, WINDGO, Inc., a research and development company specializing in smart material and vibrational transfer technologies announced that they were granted US Patent # 10,212,404 designed to allow a user to measure a surface's vectored measurements in 3-D and visually project spatially scaled images onto multiple surface arrays by means of ProVector™ 2.0 technology. This breakthrough patent advancement is in line with WINDGO's focus on energy, resonance and vibration technologies and products.

“This technology is an exciting breakthrough as we can now visualize augmented reality perspectives on surfaces without the need for special goggles,” says WINDGO's VP of R&D, David Strumpf. “Multiple observers can simultaneously see enhanced details projected onto objects that provide perspectives never seen before such as obscured detail below the surface of the object. We call this advancement of 3-D spatial mapping ' Actual Reality 2.0™ ' based on the ability to build composite image arrays of mixed-mode reality and then project meaningful data images onto object surfaces that are normally hidden from the user.”

ProVector™ 2.0 can be configured to attach to safety glasses, hard hats, clothing, construction equipment or medical devices just to name a few. Applications can allow workers to see details in work environments with enhanced clarity for the goal of showing hidden detail while enhancing safety. These devices can be battery, solar or energy-harvest powered and can be controlled by a smartphone application.

The ProVector™ 2.0 projection mapping system allows for various images of measurements which may be projected onto a surface via the projection apparatus. For example, there may be traditional industrial images that display pipelines and cable routes for construction crews that can be seen on a heads-up display to avoid catastrophic digging, and medical images that display organs, joints and suture locations on a human body. The user could even select a drill template to be projected directly onto the object to be drilled.

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 projection mapping.

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 Projection Mapping System and Apparatus US Patent – 10,212,404

See PDF US Patent attached Public Press Copy - Freely Distribute.

Inventors:

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About WINDGO, Inc.:

[WINDGO, Inc.](#) 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, Robot Skin Membranes, the ProVector™ Measurement Projection Mapping System, the Drone Chute™ Systems & Methods for Receiving Packages Delivered by Unmanned Vehicles and the Food Puck™ Assistive Cooking Device and Sensory System and the Shingle Clip System & Method.

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