$800,000 in Matching Funds Appointed to ASU, PADT and Other Partners by America Makes for the Advancement of 3D Printing Post-Processing Techniques

This Grant Marks PADT's Second Federally Funded Project in the Past Year, and its Second America Makes Funded Project in the Past Two Years

TEMPE, Ariz. - Jan. 24, 2019 - *PRLog* -- PADT, a globally recognized provider of numerical simulation, product development, and 3D printing products and services, has announced it has joined ASU in a Directed Project Opportunity to advance post-processing techniques used in additive manufacturing (AM). The project is being funded by the Air Force Research Laboratory (AFRL) and the Materials and Manufacturing Directorate, Manufacturing and Industrial Base Technology Division and driven by the National Center for Defense Manufacturing and Machining (NCDMM).

ASU was one of two awardees that received a combined $1.6M with at least $800K in matching funds from the awarded project teams for total funding worth roughly $2.4M. ASU will lead the project, while PADT, Quintus Technologies, and Phoenix Heat Treating, Inc. have joined to support the project.

"Our ongoing partnership with ASU has allowed us to perform critical research into the advancement of 3D printing," said Rey Chu, principal and co-founder, PADT. "We are honored to be involved with this project and look forward to applying our many years of technical expertise in 3D printing post-processing."

The goal of this research is to yield essential gains in process control, certified processes, and the qualification of materials and parts to drive post-processing costs down and make 3D printing more accessible. PADT will be responsible for providing geometry scanning capabilities, as well as technical expertise.

PADT has deep experience in 3D printing post-processing techniques due to the development of its proprietary Support Cleaning Apparatus (SCA), the best-selling post-processing hardware on the market. Initially released in November 2008, more than 12,500 SCA systems have sold to-date. The SCA system was awarded a U.S. patent in October 2018.

This grant will be the second federally funded research project in 2018 which teams PADT and ASU to advance 3D printing innovation and adoption. The first project received a $127,000 NASA STTR grant and is aimed at accelerating biomimicry research, the study of 3D printing objects that resemble strong and light structures found in nature such as honeycombs.

For more information on PADT and its background in 3D printing post-processing, please visit www.padtinc.com.

About Phoenix Analysis and Design Technologies

Phoenix Analysis and Design Technologies, Inc. (PADT) is an engineering product and services company that focuses on helping customers who develop physical products by providing Numerical Simulation, Product Development, and 3D Printing solutions. PADT's worldwide reputation for technical excellence

and experienced staff is based on its proven record of building long-term win-win partnerships with vendors and customers. Since its establishment in 1994, companies have relied on PADT because "We Make Innovation Work." With over 80 employees, PADT services customers from its headquarters at the Arizona State University Research Park in Tempe, Arizona, and from offices in Torrance, California, Littleton, Colorado, Albuquerque, New Mexico, Austin, Texas, and Murray, Utah, as well as through staff members located around the country. More information on PADT can be found at www.PADTINC.com.

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