NVision Helps Sculptor Generate Additional Revenue from his Art

(Coppell, TX; January 2012) – NVision, Inc. is helping sculptor Somers Randolph gain additional revenue by laser-scanning his creations and saving them as computer models, which can later be used to reproduce the original works at any size on a 3D printer. For example, Randolph's wife Hillary has created a successful line of jewelry based on soapstone shapes that Randolph whittled in his spare time. Once these hand-crafted shapes are laser-scanned, duplicates can be produced with the click of a few buttons.

And there will no doubt be demand for those reproductions. *New Mexico Traveler Magazine* says: "Santa Fe master stone sculptor Somers Randolph combines creativity, skill and passion to create exquisite artwork from stone and to whittle the intricate forms for his line of fine gold and silver jewelry…When creativity combines with technical abilities the result is a superb mastery of materials."

Somers Randolph surrounded by his sculptures

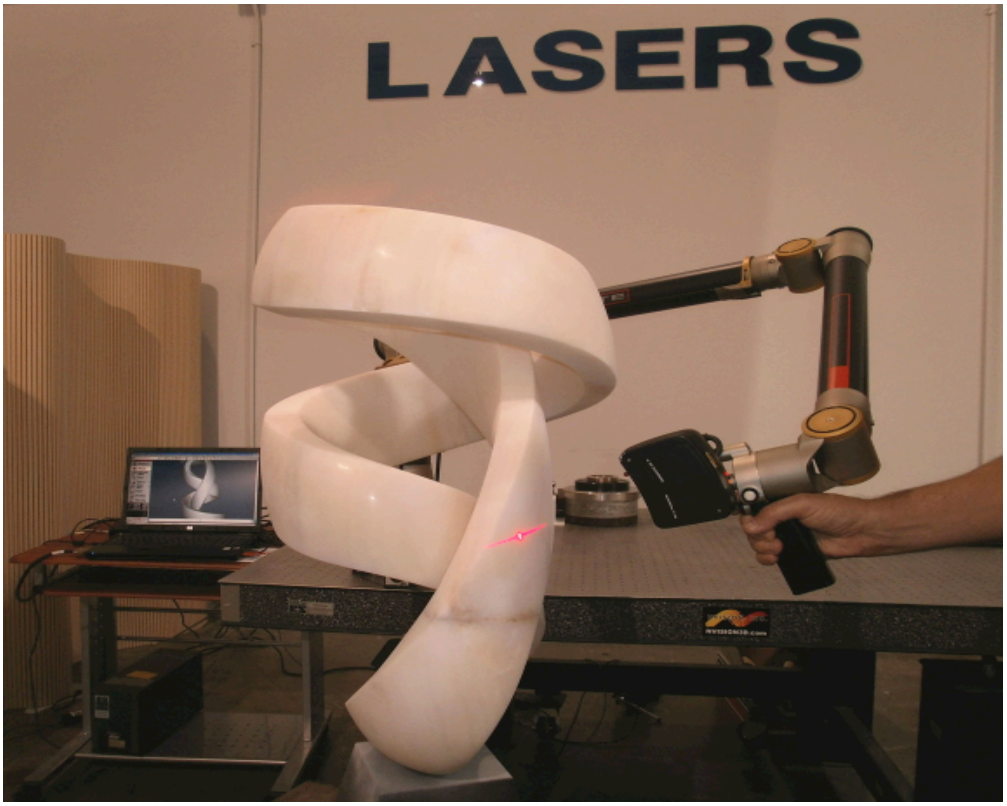
"I often spend two to three months creating a shape in marble or other stone," Somers Randolph said. "But for 30 years, once I made and sold them they were gone forever.

Although technically I still own the forms of all the sculptures I've sold, in the past it was never practical to store or reproduce them."

The success of his wife's jewelry line got Randolph thinking about the value of the shapes he creates and the need to preserve them. Through research he discovered the technology of laser scanning which makes it possible to create a computer model of a physical shape regardless of its complexity, which can later be used to reproduce the shape to an extraordinary level of accuracy.

"I selected NVision's laser scanning service because they can easily handle any size shape I send them – from the largest to the smallest - provide fast turnaround, and are affordable," said Randolph. "The people from NVision took the time to help me understand the laser scanning process and worked with me to understand what type of output I needed to ensure that my work would be preserved."

NVision's laser scanning works by projecting a line of laser light onto the surfaces to be measured, while a camera continuously triangulates the changing distance and profile of the laser line as it sweeps along. The position and orientation of the scanning head is also continuously monitored by a highly accurate localizing device as the data is captured. Instead of collecting points one by one, the laser scanner picks up tens of thousands of points every second. This means that digitizing even the most complicated parts can often be accomplished in hours instead of days.



One of Somers Randolph's sculptures being laser-scanned by an NVision technician

“I look forward to scanning all of my best sculptures,” Randolph said. “The computer model provided by NVision makes it easy to reproduce the shapes either in plastic with a 3D printer or as a bronze casting. I feel good knowing that the computer models will forever preserve these shapes for whatever uses I or my heirs can imagine in the future.”

For more information, contact NVision, Inc., 440 Wrangler Dr, Suite 200, Coppell, TX 75019. Ph: 972.393.8000, Fax: 972.393.8002. E-mail: sales@nvision3d.com. Visit NVision's Web site at http://www.nvision3d.com/.

About NVision

NVision, Inc. (http://www.nvision3d.com) was established in 1990 with one goal in mind: to provide customers with the highest accuracy non-contact optical measurement systems and services for Reverse Engineering and Inspection. Focusing our expertise on the aerospace, power generation, and oil/gas industries, NVision provides both contract scanning services and systems sales to companies throughout North America. Our elite team of engineers provides customers with an unmatchable level of experience and is able to advise and assist with the most difficult engineering challenges.

NVision’s clients include industry leaders such as Alstom, Boeing, GE, Lockheed, Lear, NASA, Porsche, Raytheon, Siemens, Toyota, and every branch of the U.S. military.