



market driven technology focused

Media Release

## **Materials Science Technology and Lang Dental Manufacturing sign Letter of Intent for Soft-Dental Liner Utilizing Proprietary Polyphosphazene Technology**

*Houston, Texas, USA, February 23, 2010*

Materials Science Technology, Inc. (MST) and Lang Dental Manufacturing of Chicago (Lang) announce the signing of a letter-of-intent for the manufacture and marketing of a soft denture-liner based on MST's proprietary polyphosphazene technology.

David Lang, President of Lang and Al Temple, Vice-President of Sales & Marketing MST announced today that the companies are very excited about the highly innovative soft denture-liner derived from one of MST's advanced materials polyphosphazene technology, referred to as PNF™. PNF™ is a fluoroalkoxypolyphosphazene produced at MST's Market Development Unit.

The PNF™ based soft denture-liner offers a unique combination of attributes not associated with other liners; including longer life (3-5 years), good adhesion and permanent softness without the use of potentially harmful additives and plasticizers. In addition, the advanced material does not support microbial growth which can lead to staining and breath odor. Polyphosphazene materials have unique properties based on an inorganic backbone and pendant groups consisting of organic, inorganic or organometallic molecules.

MST manufactures advanced materials based on Phosphazene chemical platform, which operates at the interface of organic and inorganic chemistries. The major applications for Phosphazene is in high performance PNF™ based elastomers, dental applications, emerging biomedical applications (Membranes, Hydrogels, Microspheres, Bio-erodible Applications and Micelles), and emerging Energy technologies (Li Ion Batteries, LCD and Fuel Cells).

Lang Dental Manufacturing, Co. was founded in 1929 by Samuel Lang providing dental materials of the day to dental professionals. Since 1958, Lang Dental developed, manufactured and distributed to dental professionals globally, trusted acrylics used to fabricate tooth-colored self-curing acrylics, denture base acrylics and supporting equipment. Jet and Lang brand products are known for their excellence and consistent performance, trusted by clinicians and technicians worldwide.

### **Materials Science Technology, Inc. (MST): A leading advanced materials company**

MST is a leading advanced materials company that is market driven and technology focused. MST designs, develops and distributes advanced materials derived from an exclusive proprietary Phosphazene Technology Platform for Strategic, Biomedical and Energy applications.\

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