College Park, MD – 11 April 2011. Maxion and Physical Sciences Inc. have been selected by NASA to develop ultra-high-efficiency, single-frequency Quantum Cascade Lasers near 4.6 µm. The lasers will be integrated into compact, low-power consumption sensors for continuous monitoring of CO in spacecraft environments. The two-year project will develop prototype sensors for test and evaluation in NASA spacecraft simulation facilities. The lasers will also be available for sale to other research and commercial customers interested in compact, low-cost gas sensors.

About Maxion – Maxion technologies, a wholly-owned subsidiary of Physical Sciences Inc. (www.psicorp.com), is a leading developer of advanced technology for infrared materials, lasers, and detectors. Quantum cascade lasers are available at a variety of power levels, and spectral characteristics, and packaging options from 4.0 to 12 µm. Interband cascade lasers are also available from 3 – 4 µm. Research and development activities are supported by available MBE, wafer-scale processing, device fabrication, and sophisticated solid-state physics modeling tools.