In an effort to “green” air travel and make it more efficient, NASA is looking to motors made from superconductor material to reduce fuel burn. The Agency considered the superconducting material magnesium diboride (MgB2), but found it expensive and difficult to manufacture.

Since 2003 Hyper Tech has increased its revenue from $1 million to $5.4 million and has hired 19 new workers. The worldwide demand for lightweight generators for offshore wind power could create another market for MgB2 wire.