VPT – Solar, *TORRENT* Vapor Source

Vacuum Process Technology receives purchase order from large Korean conglomerate.

A large Korean high-tech company is the latest solar company to place an order for VPT's ground breaking CIGS technology, the *TORRENT* evaporation source. The evaporation sources and coating chambers will be shipped and installed before end of this year. Ronald Crocker, Vice President of Technology at VPT said: "To convince this large Korean company to use the TORRENT technology is another milestone for VPT. Since we introduced the TORRENT vapor source at the end of last year this is the 3rd major solar company to use VPT's technology for the production of CIGS photovoltaic solar panels. The TORRENT's high deposition rates, temperature stability and the compatibility with Selenium are convincing arguments". The scope of this order also includes the vacuum coating chambers.

The *Torrent* technology is a thermal evaporation source for the top-down evaporation of the metals used in CIS/CIGS solar cells. The Torrent source is designed for high throughput production in in-line vacuum coating systems with uninterrupted production cycles of up to 8 days. The crucibles have combined capacity of 4800cm^3 and the typical crucible operating temperatures are between 1350^{o}C – 1450^{o}C.