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**MOLECULAR IMPRINTS ENABLES LOW-COST PATTERNED MEDIA MANUFACTURING
WITH NEW IMPRINT TEMPLATE REPLICATION SYSTEM****Perfecta™ TR1100 template replication system lowers imprint template costs;
commercial mask and HDD disk maker Hoya places order**

AUSTIN, TX. September 2, 2009 – Molecular Imprints, Inc., the market and technology leader for nanopatterning systems and solutions, today introduced the Perfecta™ TR1100 template replication system for patterned media applications.

Leveraging the company's Jet and Flash™ Imprint Lithography (J-FIL™) technology, the Perfecta TR1100 enables the mass-replication of master imprint templates with extremely high fidelity at a cost that is orders of magnitude lower than that of fabricating the original master template. Combined with Molecular Imprints' family of nanopatterning systems, the Perfecta template replication platform will provide a critical component in the manufacturing infrastructure necessary to produce the next generation of high-density hard disk drives (HDDs). Molecular Imprints has already sold two Perfecta TR1100 systems, including one that has been formally accepted and installed by merchant mask and HDD disk manufacturer, Hoya Corporation, which will facilitate the commercial availability of imprint templates for advanced patterned media development and pilot production.

“The transition to patterned media represents a fundamental shift in the hard disk drive industry, introducing new processes and requiring new equipment innovations in the disk media production fabs. With all of those changes taking place in the fabs, the last thing that HDD manufacturers should have to worry about is dealing with the complexity and costs associated with manufacturing templates as well,” stated Tsuyoshi Watanabe, general manager, R&D Center of Hoya. “Combining Molecular Imprints' new Perfecta TR1100 template replication system with our own semiconductor mask and HDD disk expertise and support capabilities allows us to provide HDD and patterned media manufacturers with the high-quality, high-resolution templates they need to profitably produce the next generation of disk media.”