



## Media Release

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For immediate release

## Geometric granted patent for shape-based search technology

### *Invention allows users to search 3d models based on shape*

**Mumbai, India, August 20, 2008:** [Geometric Limited](#) (BSE: 532312, NSE: GEOMETRIC), a leader in Product Lifecycle Management (PLM) solutions and technologies, was granted a patent titled “Geometry based search method for 3D CAx/PDM repositories” by the US Patent and Trademark Office (Patent no. 7,397,473). The patent outlines algorithms and methods to locate 3D CAD models based on shape data, unlike text and attribute based search methods.

Geometric’s 3DSearchIT® is a shape-based search engine technology, built on patented algorithms such as this. Shape-based search is an intuitive process and improves productivity by enabling and encouraging information reuse through product lifecycle stages such as design, planning, manufacturing, procurement and inventory management. By encouraging reuse, it also has a potential to reduce overall product development time and costs.

Geometric’s Desktop Products and Technologies (DPT) business unit develops technologies and out-of-the-box (OOTB) software products that address productivity and knowledge management challenges for the engineering and manufacturing industry. The unit creates Intellectual Property and contributed close to 7% to the company’s revenues in Q1 FY09. Geometric licenses these technologies to OEM partners besides using them to design and implement customized process solutions for industrial customers. In the past, Geometric has received several patents for its Feature Recognition technology which is licensed to several OEMs in the CAD, CAM and CAE space.

For more information on 3DSearchIT please visit <http://3dsearchit.geometricglobal.com>.

### **About Geometric**

Geometric is a specialist in the domain of engineering solutions, services and technologies. Its portfolio of Global Engineering services and Digital Technology solutions for Product Lifecycle Management (PLM) enables companies to formulate, implement, and execute global engineering and manufacturing strategies aimed at achieving greater efficiencies in the product realization lifecycle.

Headquartered in Mumbai, India, Geometric was incorporated in 1994 and is listed on the Bombay and National Stock Exchanges. The company recorded consolidated revenues of Rupees 4.86 billion (US Dollars 121.6 million) for the year ended March 2008. It employs close to 3000 people across 10 global delivery locations in the US, France, Romania, India, and China. Geometric is assessed at SEI CMMI Level 5 for its software services and ISO 9001:2000 certified for engineering operations.

Geometric’s Desktop Products and Technologies (DPT) business unit develops cutting-edge point productivity solutions that enhance design and improve manufacturing operations. The end-user products from Geometric

include CAMWorks®, eDrawings® Publisher, DFMPPro and GeomCaliper®. The key technologies from Geometric are NestLib®, Feature Recognition (FR), GeomDiff and 3DSearchIT®. Geometric licenses these technologies to OEM partners and also designs and implements customized process solutions using these technologies for industrial customers.

For further details about Geometric’s DPT business unit, please visit [www.geometricglobal.com/products](http://www.geometricglobal.com/products) or call +1.480.367.0132

*The copyright/ trademarks of all products referenced herein are held by their respective companies.*

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