



Hamilton Thorne's LYKOS and XYRCOS Lasers Receive European Patent Grant

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The European Patent Office has issued a notice of intention to grant a European Patent to Hamilton Thorne's LYKOS and XYRCOS lasers filed under the application number 09752647.9-2217 on Modular Objective Assembly. The patent can then be filed in over 30 European countries once the final approval is received.

The Chief Technology Officer of Hamilton Thorne, Diarmaid Douglas-Hamilton said that this notice validates the resolution technology and advanced optics brought to the clinical market by LYKOS laser and also will help in expanding their patent portfolio globally.

The President and Chief Executive Officer of Hamilton Thorne, David Wolf stated that the patent on LYKOS and XYRCOS lasers is extremely valuable, because it covers the concept of having to build a laser in a microscope. The Notice of Intention to Grant has increased the market value of the company.

The LYKOS and XYRCOS lasers feature the Modular Objective Assembly, thereby providing increased resolution, sophisticated optics technology and compatibility. They have a sleek and elegant look with a patented RED-i target locator built inside so that tedious alignment procedures can be avoided. The LYKOS Multi-Pulse software is used in clinical processes like pre-implantation genetic diagnosis (PGD), laser-assisted hatching and trophectoderm biopsy.

Hamilton Thorne designs, manufactures, and provides advanced imaging systems and precision laser devices for the stem cells, development biology and fertility markets. It provides solutions to reduce cost, improve results, and increase productivity and research breakthroughs in the field of Life Science. These laser products operate as robotic micro surgeons when attached to microscopes, and are widely used in IVF procedures.

Cambridge, Oxford, Monsanto, McGill, DuPont, Harvard, Yale, Novartis, Pfizer, Jackson Labs, Merck and Charles River Labs are some of the leading customers served by Hamilton Thorne. The company's customer base comprises biotechnology and pharmaceutical companies, fertility clinics, and university research centers .

Source: <http://www.hamiltonthorne.com/>