

JPI Press Release.

Lairdside Laser Engineering Centre, Liverpool University, 29th April 2010.

JPI continue research into their miracle-plate technology which uses a new generation of ultra fast pulsed lasers which switch the hydrophilicity of an uncoated metal printing surface. The work progresses well and JPI have recently filed two additional patent applications for the use of ultra fast lasers in CTP. JPI can also announce that they have successfully verified the print performance of the technology at Leeds City College, Print Academy.

JPI chose the prestigious and well respected Leeds City College, Print Academy to independently verify the press capability of the miracle plate technology. John Procter, Business Manager at Leeds City College, said "JPI have visited us several times with 'miracle' printing plates that they exposed with lasers at Liverpool University. The technology does indeed work and it works well. We were pleased to be the first people in the world to be able to independently verify the press performance, recent results have been very impressive. Last week alone we had seven different miracle plate tests in our press room and all of them worked perfectly" Procter continued "Although the plates do not have a coating they still behave on press in the normal way. We print them on a standard Heidelberg with normal inks and fount. The plates do have a slight colour change where the laser has imaged them. It may sound like unusual plate technology but it definitely works well"

Dr. Rod Potts of JPI commented "We have been busy with two recent filings for new patent applications in addition to our other patent filings - this has taken a lot of our time. Whilst we have further testing to do at Leeds City College, Print Academy we are also progressing discussions with a number of companies who have the financial and operational scale to commercialise the Miracle Plate technology on a global basis. We are grateful to everyone that has been in touch with us and helped since we went public with this last year"

The new patent filings that JPI refer to are GB 1004544.1. and GB 1004537.5. The first patent application focuses on "substrate surfaces" the second one on platesetter technology using ultrafast lasers.

For more information on the miracle plate team and technology visit www.miracle-plate.com

About JPI.

JPI are a team of former DuPont, Agfa and Kodak executives that have pioneered the use of ultra fast pulsed lasers to switch the ink-receptivity of uncoated metal surfaces. These lasers are new to CTP and offer a number of remarkable new possibilities that will allow new levels of CTP performance, cost savings and eco-benefits. JPI's miracle-plate technology has allowed the use of uncoated aluminium plates in CTP. The technology offers significant environmental savings since printing plates can be made with significantly less energy and no coating chemicals, solvents or development chemistry. Dr Rod Potts was Agfa R&D Director for litho plates, Dr Peter Bennett was Kodak R&D Director for litho plates and John Adamson was Manufacturing Manager for Litho Plates at DuPont.