

PATENT
REEL: 013181 FRAME: 0049

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned,

Stephen J. Haswell, a British citizen of
27 Hall Walk
Cottingham
HU16 4RL
United Kingdom

Paul D.I. Fletcher, a British citizen of
65 Marlborough Avenue
Hull
HU5 3JR
United Kingdom

Xunli Zhang, a Chinese citizen of
~~4 Tavistock Street~~ *35 Clumber Street*
Hull
HU5 ~~2H~~ *3RH*
United Kingdom

hereby sell, assign and transfer to:

Micro Chemical Systems Limited
The Deep Business Centre
Hull
HU1 4BG
United Kingdom

(hereinafter called the Assignee), its successors and assigns, the entire right, title, and interest in and to:

(i) the application for a United States Letters Patent entitled:

Depth and Concentration Estimation

which was filed on ^{6/26/2002} as ^{USAN 10/179,023} and was amended on
(hereinafter called the application);

(ii) any and all inventions and improvements which are described in the Application;

(iii) any and all United States Letters Patents which may be granted on the Application (hereinafter called the Patent);

(iv) any and all divisions, continuations, substitutes, reexaminations, reissues, or extensions of the Application or Patent; and

(v) all benefits under the International Convention for the Protection of Industrial Property.

The Assignee and its agents are hereby authorized to insert in this instrument the filing date and serial number of said application.

It is hereby authorized and requested that the Commissioner of Patents issue any and all of said Letters Patent, when granted to said Assignee.

Further, it is agreed that, when requested, without charge to but at the expense of said Assignee, the undersigned will execute all divisional, continuing, substitute, or reissue patent applications; execute all additional assignments and other writings, including reexamination papers; and provide all reasonable assistance requested by the Assignee to secure and maintain appropriate patent protection.

Signed at DEPARTMENT OF CHEMISTRY, UNIVERSITY OF HULL, HUG 7RX, UK

This 20th day of JUNE 2002.

Stephen J Haswell
Stephen J. Haswell

Signature of Witness:

Paul Watts

Name of Witness:

Paul WATTS

Address of Witness:

47 PIMSON WAY
VICTORIA DOCK
HULL HU9 1PW

Signature of Witness:

David J Lofty

Name of Witness:

DAVID J LOFTY

Address of Witness:

4 MONKSWOOD
SILVERSTONE
UK NN12 8TS

Signed at Dept. of Chemistry, University of Hull, Hull HU6 7RX, UK

This 20th day of June 2002

Paul D.I. Fletcher
Paul D.I. Fletcher

Signature of Witness:

Paul Watts

Name of Witness:

PAUL WATTS

Address of Witness:

47 PLIMSOL WAY
VICTORIA DOCK
HULL, HU6 7RX.

Signature of Witness:

David J. Coft

Name of Witness:

DAVID J. COFT

Address of Witness:

4 MONKSWOOD
SILVERSTONE
NN12 8TS - UK.

Signed at Dept. of Chemistry, University of Hull, Hull HU6 7RX, UK

This 20th day of June 2002

Xunli Zhang
Xunli Zhang

Signature of Witness:

Robert J. Middleton

Name of Witness:

ROBERT J. MIDDLETON

Address of Witness:

61 WELLINGTON STREET WEST
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HU1 2DG UK

Signature of Witness:

David J. Coft

Name of Witness:

DAVID J. COFT

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