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Conveying Party(ies) 1. Stephen J. HASWELL 2. Paul D.I. FLETCHER 3. Xunli ZHANG 4. 5. 6.	•	Execution Date June 20, 2002 June 20, 2002 June 20, 2002	(s)	
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Name Micro Chemical Systems Limited Name The Deep Business Centre Address Address Address Hull Unite	ed Kingdom e/Country	<u>HU1 4BG</u> Zip Code		
Correspondent Name and Address	301.04			
John M. Belz Leydig, Voit & Mayer 700 Thirteenth St., N.W. Suite 300 Washington, D.C. 20005-3960 Pages Enter the total number of pages of the atta	ached conveyance d	Telephone: (202) 737-677 Facsimile: (202) 737-677 Attorney Docket No. 402021/MATHISE I conveyance document including any attachments:		
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Assignment Tml P1 /2002 GT0H11 00000059 10179023 581 40.00 0				

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 Sheet

Hull

HU5 2LJ 3 RH

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.

PATENT REEL: 013181 FRAME: 0050 20H day of JUNE 2002

truck Hug (PW)

This

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 CHEMITRY, UNIVERSITY OFHILL, HUG TRX, UK

Stephen J. Haswell		
Signature of Witness:	Signature of Witness:	
Panlusts	Pand 5 ho(ty	
Name of Witness:	Name of Witness:	
Auc WATTS	DAVID 3 LOFT-1	
Address of Witness:	Address of Witness:	
4) PLIMSOLL WAT	4 MONHSWOOD	
VICTORIA DOCK	SILUERSTONE	

UK NN12 BTS

PATENT REEL: 013181 FRAME: 0051

Signed at Dept. of Chemistry,	Unwrity of Hull, Hall HU67RX, UK
This 20th day of June ?	2002
Paul D.I. Flotety.	
Paul D.I. Fletcher	
Signature of Witness:	Signature of Witness:
Paulu alts	- Pand J halty
Name of Witness:	Name of Witness:
PAUL WATTS	DAVID & COFTY
Address of Witness:	Address of Witness:
47 PLIMSOL WAT	4 MONKS WOOD
VICTORIA DOCK	SIGUERSTONE
thue, Hal 7Rp.	NN12 279 - 415
Signed at Dept. of Charistry, University This 20th day of June 200 Xunli Zhang Xunli Zhang	02
Signature of Witness:	Signature of Witness:
Polset J Nordella	Dou'd I late
Name of Witness:	Name of Witness:
ROBERT J. MIDDLETON	DAVID J COFTY
Address of Witness:	Address of Witness:
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Huce	SILUERSTONE
Hui 206 uk	NNIZ 8TS. UK.
RECORDED: 08/09/2002	PATENT REEL: 013181 FRAME: 0052