

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Imperial Innovations Limited	02/28/2008
RECEIVING PARTY DATA	
Name:	Microsaic Systems Limited
Street Address:	GMS House, Boundary Road
City:	Woking, Surrey
State/Country:	UNITED KINGDOM
Postal Code:	GU21 5BX
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12284778
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	077095-0032
NAME OF SUBMITTER:	Monique A. Morneault
Total Attachments: 4 source=77095-0032 Assignment 3B#page1.tif source=77095-0032 Assignment 3B#page2.tif source=77095-0032 Assignment 3B#page3.tif source=77095-0032 Assignment 3B#page4.tif	

CH \$40.00 12284778

THIS DEED OF ASSIGNMENT dated 28/2/08 2007 is between:-

- (1) IMPERIAL INNOVATIONS LIMITED ("Innovations"), whose registered office is at Level 12, Electrical and Electronic Engineering Building, Imperial College, London SW7 2AZ; and
- (2) MICROSALIC SYSTEMS LIMITED (the "Company"), whose registered office is at GMS House, Boundary Rd., Woking, Surrey, GU21 5BX.

**WHEREAS:**

- A. Innovations is the owner of Intellectual Property (defined below) relating to the field of microengineered devices and systems (the "Field").
- B. By an agreement dated 24<sup>th</sup> January 2007 (the "Option Agreement"), Innovations agreed to grant the Company an opportunity to exploit certain intellectual property generated in the Field.
- C. In order to further the commercial exploitation of the Intellectual Property and in accordance with the Option Agreement, Innovations has agreed to assign to the Company all its right, title and interest in the Intellectual Property subject to the provisions of this assignment.

**THIS DEED OF ASSIGNMENT WITNESSES as follows:-**

**1. Definitions**

In this Assignment, the following words shall have the following meanings:-

"Intellectual Property"	the patent applications identified in the attached Schedule and any future patents and patent applications which are based upon or derive priority from those listed in the Schedule.
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**2. Assignment**

- 2.1 In accordance with the Option Agreement, Innovations hereby assigns and transfers to the Company absolutely all its right, title and interest in the Intellectual Property.
- 2.2 The assignment effected by this clause 2 shall include, without limitation, the assignment and transfer of:-

- (a) all patents and other intellectual property that may be granted pursuant to any applications listed in the attached Schedule, as well as all patents and other intellectual property that may derive priority from or have equivalent claims to or be based upon the Intellectual Property in any country of the world (and including supplementary protection certificates, divisions, continuations, continuations in part, reissues and extensions), and the Intellectual Property shall be deemed to include all such items of property; and
  - (b) all rights of action, powers and benefits arising from ownership of the Intellectual Property, including without limitation the right to sue for damages and other legal and equitable remedies in respect of all causes of action arising prior to, on or after the date of this Assignment.
- 2.3 Innovations shall execute such documents and give such assistance (at the expense of the Company) as the Company may reasonably require:-
  - (a) to secure the vesting in the Company of all rights in the Intellectual Property;
  - (b) to uphold the Company's rights in the Intellectual Property; and
  - (c) to defeat any challenge to the validity of, and resolve any questions concerning, the Intellectual Property.
- 3. The validity, construction and performance of this Assignment shall be governed by English law, and Innovations and the Company submit to the jurisdiction of the English courts in respect of any dispute arising in connection therewith.

**EXECUTED AND DELIVERED AS A DEED** by the parties:-

Executed and delivered as a Deed by Imperial Innovations Limited acting through two of its Directors:-

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Director's signature

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Director's signature

Executed and delivered as a Deed by Microsaic Systems Limited acting through two of its Directors: -

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Director's signature

.....  
Director's signature

## SCHEDULE

### The Patents

Country	Subject	Application date	Application no.
United Kingdom	Multi-stage pre-concentrator device	04 October 2007	GB 0719397.2

### The Technology

This invention describes a multi-stage pre-concentrator device for use with a detector system. One pre-concentrator stage is detachable and may be used to collect sample remotely from the detection system. The detachable pre-concentrator stage mates with the detector system and can transfer its desorbed sample to another pre-concentrator stage which also incorporates the functions of a sample loop serving as an injection 10 volume to the separation column of an analytical instrument. In one embodiment the fixed pre-concentrator stage serves as a sample loop that preferably integrates suitable valves with sorbent materials onto the same structure to minimise dead volume, maximise sensitivity, improving column loading efficiency, reducing duty cycles and minimising detection system response time.