

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
Michael P. Appleby	05/06/2010
Iain Fraser	05/10/2010
James E. Atkinson	05/06/2010

**RECEIVING PARTY DATA**

Name:	Mikro Systems, Inc.
Street Address:	1180 Seminole Trail, Suite 220
City:	Charlottesville
State/Country:	VIRGINIA
Postal Code:	22903

**PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	11930274

**CORRESPONDENCE DATA**

Fax Number: (815)550-8850  
*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*  
 Phone: 434-972-9988  
 Email: Mike@michaelhaynes.com  
 Correspondent Name: Michael Haynes PLC  
 Address Line 1: 1341 Huntersfield Close  
 Address Line 4: Keswick, VIRGINIA 22947

ATTORNEY DOCKET NUMBER:	1021-035
NAME OF SUBMITTER:	Kelly Smoker

Total Attachments: 4  
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**PATENT  
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For the sum of One Dollar (US\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned individual(s) Michael P. Appleby of 3435 Carrs Ridge, Crozet, VA 22932, Iain Fraser of 158 Greene Court, Ruckersville, VA 22968, James E. Atkinson of 3546 Stoney Point Road, Charlottesville, VA 22911 (referred to herein as "the undersigned") hereby sells, assigns, and transfers to Mikro Systems, Inc., an entity organized and existing under the state laws of Delaware having Principal place of business at 1180 Seminole Trail, Suite 220, Charlottesville, VA 22903, and its successors, assigns, and legal representatives (hereinafter "ASSIGNEE"), the entire and exclusive rights, privileges, title, and interest, worldwide, in and to all of the following:

- an application for Letters Patent, the application titled "Methods for Manufacturing Three-Dimensional Devices and Devices Created Thereby", and filed on 31 October 2007 as Application Serial Number 11/930,274 in the United States Patent and Trademark Office;
- all improvements to any subject matter described or claimed in any of the above;

together with: all amendments thereto; all rights of priority arising therefrom; all applications claiming priority thereto; all divisions, continuations, continuations-in-part, reexaminations, reissues, substitutes, renewals, and extensions thereof, and any legal equivalent thereof; and any and all forms of protection, including Letters Patent and legal equivalents thereof, which may be granted therefor in the United States and its territorial possessions or in any countries foreign to the United States, for the full and entire term or terms for which the same may be granted or extended, as fully and entirely as the same rights, privileges, title, and interest, would have been enjoyed by the undersigned if this assignment had not been made.

Each of the undersigned authorizes ASSIGNEE to make application for patent protection and legal equivalents thereof in its own name and maintain such protection in the United States and in all countries foreign to the United States, and to invoke and claim for any application for patent or legal equivalents thereof for said improvements, without further authorization from any of the undersigned, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

Each of the undersigned authorizes and requests the Commissioner of Patents of the United States and any official of any foreign country whose duty it is to issue patents or legal equivalents thereof, to issue said Letters Patent and legal equivalents thereof to ASSIGNEE or to such nominees as ASSIGNEE may designate.

Each of the undersigned consents that a copy of this Assignment and Agreement shall be deemed a full legal and formal equivalent of any document that may be required in any country in proof of the right of ASSIGNEE to apply for patent and legal equivalents thereof for said improvements and to claim the aforesaid benefit of the right of priority.

Each of the undersigned covenants with ASSIGNEE that no assignment, sale, grant, mortgage, license, or other agreement affecting any of the rights, privileges, title, or interest herein conveyed has been made to others or will be entered into by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

ASSIGNMENT AND AGREEMENT

Each of the undersigned covenants with ASSIGNEE that, when requested, and without charge to but at the expense of ASSIGNEE, to carry out in good faith the intent and purpose of this assignment, the undersigned will: properly receive, execute, and deliver to ASSIGNEE all rightful affidavits, declarations, oaths, powers of attorney, assignments, and other instruments or papers; properly receive, execute, and deliver to ASSIGNEE all applications, divisions, continuations, continuations-in-part, reexaminations, reissues, substitutes, renewals, extensions, any amendments thereof, and any legal equivalent thereof, and all interference proceedings associated therewith, relating to any and all said improvements, applications, Letters Patent, and legal equivalents thereof; communicate to ASSIGNEE all facts and documents known and accessible to the undersigned relating to said improvements, applications, Letters Patent, and legal equivalents thereof, and will testify as to the same in any interference, mediation, arbitration, litigation, or dispute related thereto; and generally, perform all requested lawful acts that ASSIGNEE considers desirable or necessary, in any country, in applying for, securing, maintaining, licensing, assigning, or enforcing, any proper, valid, and enforceable legal protection for said improvements, applications, Letters Patent, and legal equivalents thereof, or for vesting title in ASSIGNEE to said improvements, applications, Letters Patent, and legal equivalents thereof.

Date: MAY 6, 2010

Michael P. Appleby  
Michael P. Appleby

)  
State of Virginia )  
County of Albemarle )  
City of Charlottesville )

On this 6th day of May, 2010, before me personally came Michael P. Appleby, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Karin Taylor Smith  
Notary Public



Karin Taylor Smith  
NOTARY PUBLIC  
Commonwealth of Virginia  
Reg. #7236643  
My Commission Expires  
March 31, 2013

ASSIGNMENT AND AGREEMENT

Date: MAY 10, 2010

*Iain Fraser*  
Iain Fraser

State of Virginia ) seal:

County of Albemarle )

City of Charlottesville )

On this 10th day of May, 2010, before me personally came Iain Fraser, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

*Karin Taylor Smith*  
Notary Public



Karin Taylor Smith  
NOTARY PUBLIC  
Commonwealth of Virginia  
Reg. #7236643  
My Commission Expires  
March 31, 2013

ASSIGNMENT AND AGREEMENT

Date: MAY 6, 2010

James E. Atkinson  
James E. Atkinson

State of Virginia ) seal:

County of Albemarle)

City of Charlottesville)

On this 6th day of May, 2010, before me personally came James E. Atkinson, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Karin Taylor Smith  
Notary Public



Karin Taylor Smith  
NOTARY PUBLIC  
Commonwealth of Virginia  
Reg. #7236643  
My Commission Expires  
March 31, 2013