

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Andrew P. Clarke	04/09/2004
RECEIVING PARTY DATA	
Name:	First Derivative Systems
Street Address:	700 Becknell Road
City:	Goleta
State/Country:	CALIFORNIA
Postal Code:	93117
PROPERTY NUMBERS Total: 1	
Property Type	Number
Patent Number:	6562141
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Total Attachments: 2 source=64421#page1.tif source=64421#page2.tif	

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PATENT  
REEL: 014624 FRAME: 0512

**ASSIGNMENT**

WHEREAS, Andrew P. Clarke ("Assignor"), residing at 5360 Queen Ann Lane, Santa Barbara, California 93111, is the inventor of a new and useful **DUAL DEGAS/COOL LOADLOCK CLUSTER TOOL** ("Invention"), originally described and claimed in United States Patent Appl. Ser. No. 09/609,733 filed on July 3, 2000 in the United States Patent and Trademark Office, which has been divided and matured into Patent No. 6,235,656 dated May 22, 2001 (Method, HM-59420), and Patent No. 6,562,141 dated May 13, 2003 (Device, HM-64421); and

WHEREAS, Assignor believes himself to be the original, first, and sole inventor of the Invention disclosed and claimed in United States Patent Nos. 6,235,656 and 6,562,141; and

WHEREAS, First Derivative Systems, a California corporation, having a place of business at 700 Becknell Road, Goleta, California 93117 ("Assignee"), desires to acquire by formal, recordable assignment the entire right, title and interest in and to the Invention, the application, all other applications claiming priority based on the application, including but not limited to Singapore Patent Appl. Ser. No. 200201297-9, Japan Patent Appl. Ser. No. 2002-507709, EPO Patent Appl. Ser. No. 01950859.7, Korea Patent Appl. Ser. No. 2002-7002882, and China Patent Appl. Ser. No. 01802285.5, and all Letters Patents, including but not limited to United States Patent Nos. 6,235,656 and 6,562,141, that might be granted for the Invention in the United States and throughout the world;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor hereby sells, assigns and transfers to Assignee, his entire right, title and interest in and to the Invention, the application, and any Letters Patent that might be granted for the Invention in the United States and throughout the world, including the right to file foreign applications directly in the name of Assignee and to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise.

Further, Assignor agrees that, upon request and without further compensation, but at no expense to Assignor, he and his legal representatives and assigns will

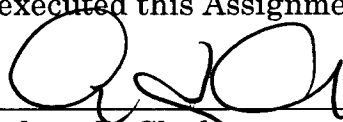
perform all lawful acts, including the execution of papers and the giving of testimony, that might be necessary or desirable for obtaining, sustaining, reissuing or enforcing Letters Patent in the United States and throughout the world for the Invention, and for perfecting, recording or maintaining the title of Assignee, its successors and assigns, to the Invention, the application, and any Letters Patent granted for the Invention in the United States and throughout the world.

Assignor represents and warrant that he has not granted and will not grant to others any rights inconsistent with the rights granted by this Assignment.

Assignor authorizes and requests the Commissioner of Patents and Trademarks of the United States and of all foreign countries to issue any Letters Patent granted for the Invention, whether on the application or on any subsequently filed division, continuation, continuation-in-part or reissue application, to Assignee, its successors and assigns, as the assignee of the entire interest in the Invention.

IN WITNESS WHEREOF, Assignor has executed this Assignment.

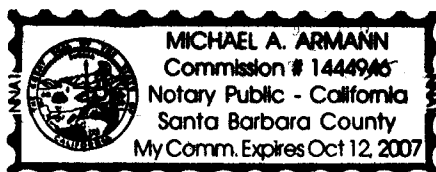
Date: 4/9/04


  
 Andrew P. Clarke  
*Andrew P. Clarke*

State of California                    )  
   ) ss.  
 County of Santa Barbara        )

On 4/9, 2004, before me, Michael Armann, personally appeared **Andrew P. Clarke**, ~~personally known to me~~ OR proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.



  
 Notary Public