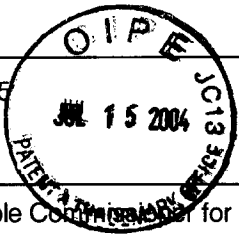


Form PTO-1595



07-20-2004

Attorney Docket No.: MYKR1460

HEET



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7-17-04
attached original documents or copy

To the Honorable Commissioner for P
thereof.

1. Name of Conveying party(ies):

**Marc Laverdiere
Robert F. McLoughlin**

Additional name(s) of conveying party(ies)
Attached? Yes No

2. Name and address of receiving Party(ies):

Name: **Mykrolis Corporation
129 Concord Road
Billerica, MA 01821-4600**

Additional name(s) & address(es) attached?
 Yes No

3. Nature of conveyance:

Assignment : Merger
 : Security Agreement : Change of name
 : Other:

Execution Date: **7/1/04**

Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s) **10/779,009**

B. Patent No.(s)

Additional numbers attached? Yes : No

5. Name and address of party to whom
correspondence concerning document should be
mailed:

Name **Customer No. 44654
Sprinkle IP Law Group
P.O. Box 684767
Austin, Texas 78768-4767**

6. Total number of Applications and patents
involved: **1**

7. Total fee (37 CFR 3.41).... **\$ 40.00**

8. Enclosed

9. **Authorized to charge the recordation fee or
any underpayment to deposit account No. 50-3183**

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9. Statement and signature.

*To the best of my knowledge and belief, the foregoing
information is true and correct and any attached
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**Ari G. Akmal
Reg. No. 51,388**

Date

7/19/04

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Katherin Cope

Total number of pages including cover sheet, attachments, and document: **3**

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**PATENT
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ATTORNEY DOCKET
MYKR1460

PATENT APPLICATION

-1-

ASSIGNMENT

This Assignment is made by **Marc Laverdiere**, of **Wakefield, MA** and **Robert F. McLoughlin**, of **Pelham, NH** ("Assignors").

WHEREAS, Assignors have invented a new and useful invention entitled **SYSTEM AND METHOD OF CONTROLLING FLUID FLOW**, for which an application for United States Letters Patent was made on **February 13, 2004**, bearing an application number of **10/779,009**; and

WHEREAS, Assignors believe themselves to be the original inventors of the invention including any and all improvements disclosed in said application ("Invention"); and

WHEREAS, the parties desire to have a recordable instrument assigning the entire right, title and interest in and to said invention, said application, on any subsequently filed divisional, continuation, continuation-in-part, re-examination, reissue or other application, and any patents, invention registrations or other forms of protection ("Patents") that may be granted for said invention in the United States and throughout the world;

NOW, THEREFORE, in accordance with the obligations to assign the invention and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignors hereby sell, assign, and transfer to **Mykrolls Corporation** having a principal place of business at **129 Concord Road, Billerica, MA 01821-4600** (hereinafter referred to as "Assignee"), the entire right, title, and interest in and to said invention, said application and any Patents that may be granted for said invention in the United States and throughout the world, including the right to file foreign applications directly in the name of the Assignee and to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties, or otherwise.

Assignors agree that, upon request and without further compensation, but at no expense to Assignors, they and/or their legal representatives and assigns will do all lawful acts, including the execution of papers and the giving of testimony, that may be necessary or desirable for obtaining, sustaining, reissuing, or enforcing the Patents in the United States and throughout the world for said invention, and for perfecting, recording, or maintaining the title of Assignee, its successors and assigns, to said invention, said application, and any Patents granted for said invention in the United States and throughout the world.

Assignors represent and warrant that they have not granted and will not grant to others any rights inconsistent with the rights granted herein.

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PATENT
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MYKR1460

PATENT APPLICATION

-2-

Assignors authorize and request the Commissioner for Patents of the United States and of all foreign countries to issue any Patents granted for said Invention, whether on said application or on any subsequently filed divisional, continuation, continuation-in-part, re-examination, reissue or other application, to Assignee, its successors and assigns, as the assignee of the entire interest in said Invention.

IN WITNESS WHEREOF, Assignors have executed this Assignment on the dates provided below.

Name of Sole/First Inventor: **Marc Laverdiere**
 Signature: *Marc Laverdiere*
 Date: 7/1/04

Name of Additional Inventor: **Robert F. McLoughlin**
 Signature: *Robert F. McLoughlin*
 Date: 7-1-04

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