505376187 03/14/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5422980

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JAMES M. HITCHCOCK	07/28/2014
GEORGE B. GUCKENBERGER	07/28/2014

RECEIVING PARTY DATA

Name:	Thermo Finnigan LLC
Street Address:	355 River Oaks Parkway
City:	San Jose
State/Country:	CALIFORNIA
Postal Code:	95134

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16220558

CORRESPONDENCE DATA

Fax Number: (412)249-1383

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 408-965-6048

Email: carina.frazer@thermofisher.com Correspondent Name: THERMO FISHER SCIENTIFIC Address Line 1: 355 RIVER OAKS PARKWAY

Address Line 2: IP DEPT.

Address Line 4: SAN JOSE, CALIFORNIA 95134

ATTORNEY DOCKET NUMBER:	TP18458US3-NAT
NAME OF SUBMITTER:	CARINA FRAZER
SIGNATURE:	/Carina Frazer/
DATE SIGNED:	03/14/2019

Total Attachments: 3

source=TP18458US3-NAT_ASG-parent#page1.tif source=TP18458US3-NAT_ASG-parent#page2.tif source=TP18458US3-NAT_ASG-parent#page3.tif

> **PATENT** REEL: 048604 FRAME: 0605 505376187

ASSIGNMENT

WHEREAS WE, James M. HITCHCOCK of 3104 Dusty Chisolm Trail, Pflugerville, TX 78660; and George B. GUCKENBERGER of 5816 Linaria Lane, Austin, TX 78759, have invented certain new and useful improvements, entitled Method and System for Decoupling a Capillary Column from a Gas Chromatography-Mass Spectrometry (GC-MS) System for which invention we have executed an application for Letters Patent in the United States that was filed on July 29, 2014 with the U.S. Patent and Trademark Office as Serial No. 14/446,041 which discloses and identifies the invention.

Whereas, THERMO FINNIGAN LLC, a limited liability company formed in the State of Delaware, having a place of business at 355 River Oaks Parkway, San Jose, California 95134, (hereinafter referred to as assignee) is desirous of acquiring the entire right, title, and interest in and to said invention, said application and the Letters Patent to be obtained therefor;

Now, therefore, for good and valuable consideration, the receipt and sufficiency whereof are hereby acknowledged, we hereby sell, assign, and set over unto the assignee and said assignee's successors, assigns, and designees, the entire right, title, and interest in and to said invention, said application, and the Letters Patent, both foreign and domestic, that may or shall issue thereon; and we do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to the abovementioned assignee.

We hereby authorize the above-mentioned assignee or its legal representative to insert in this instrument the filing date and serial number of our said application or any other information that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Upon said consideration, we convey to said assignee the right to make application in its own behalf for protection of said invention in countries foreign to the United States and where expedient to claim under the International Convention or other international arrangement for any such application the date of said United States application (or other application if any there be) in priority to other applications; and we do hereby covenant and agree with the said assignee that we will not execute any writing or do any act whatsoever conflicting with these presents, and that we will at any time upon request, at the expense of the said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, renewal, continuation, continuation-in-part, reissued or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or chose in action accruing as a result of such application or patents, by giving testimony in any proceedings or transactions involving such application or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of both parties. We hereby agree that the transfer of rights made by this instrument is effective as of the filing date of the application written above.

1

IN WITNESS WHEREOF, I hereto set my hand and seal on this day of
<u></u>
James M. HITCHCOCK
State of <u>lexas</u> :
County of IRWIS:
3 .
On 7/28/2014 before me, Ke Sey Byth, NOTARY PUBLIC,
personally appeared James M. HITCHCOCK who 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.
I certify under PENALTY OF PERJURY under the laws of the State of
that the foregoing paragraph is true and correct.
WITNESS my hand and official seal.
KELSEY RYAN BYRNE
Signature: Notary Public, State of Texas My Commission Expires
My commission May 21, 2018
(Seal)

2

IN WITNESS WHEREOF, I hereto set my hand and seal on this 28th day of
, 2014.
B'Bn
George B. GUCKENBERGER
State of lexus :
County of:
On 7/28/2014 before me, Kelsey Byne, NOTARYPUBLIC,
personally appeared George B. GUCKENBERGER who proved to the 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.
I certify under PENALTY OF PERJURY under the laws of the State of
that the foregoing paragraph is true and correct.
WITNESS my hand and official seal
KELSEY RYAN BYRNE Notary Public, State of Texas My Commission Expires
Signature: May 21, 2018 My commission ex
(Seal)

3