Form <b>PTO-1595</b> (Rev. 08/05) QMB No. 0651-0027 (exp. 6/30/2008)	10-01-2	2007	U.S. DEPARTME United States Patent a	NT OF COMMERCE
2			EET	
To the Director of the U.S. Paten	103449	130	d documents or the new add	lress(es) below.
<b>1. Name of conveying party(ies)</b> David G. Patrick		2. Name and address of receiving party(ies) Name: <u>THERMO FINNIGAN LLC</u> Internal Address:		
<b>1. Name of conveying party(ies)</b> David G. Patrick         Additional name(s) of conveying party(ies) a <b>3. Nature of conveyance/Executi</b> Execution Date(s) 05/24/2007         X Assignment         Security Agreement         Joint Research Agreement         Government Interest Assignment         Executive Order 9424, Confirm	on Date(s):   Merger   Change of Name		: <u>355 River Oaks Park</u>	way 95134
Other A. Patent Application No.(s) 11/807,015	( <b>s):</b> This Additional numbers at	document is beir B. Patent N		
	5. Name and address to whom correspondence concerning document should be mailed:		er of applications and	patents
Name: Charles B. Katz, Thermo F	fisher Scientific Inc.	7. Total fee (37	7 CFR 1.21(h) & 3.41)	\$40,00
Internal Address: Street Address: <u>355 River Oaks Pa</u>	urkway	X Authorized	l to be charged by cred I to be charged to depo	sit account
en Ser Iece	<u> </u>	8. Payment In	ired (government interes	t not affecting title)
City: San Jose		1	rd Last 4 Numbers	
Phone Number: <u>-408 965-6014</u> Fax Number: <u>US-408 965-6010</u>			Expiration Date Account Number <u>50-32</u> ed User Name <u>Diane K</u>	67
	u Liza		Sect.	21, 7007
Dian	Signature e Kizer Person Signing		Total number of pages incluc sheet, attachments, and doo	

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

09-21-07 06:38 Pg: 3 Fax from : COMPANY: 355 RIVER OAKS PARKWAY 'O:CHARLES B. KATZ, THERMO FISHER ET AL

Fax sent by : 4089656010

City: San Jose

9. Signature:

Phone Number \_\_ 408.965-6014

Fax Number: US-408 965-6010

State: CA

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Email Address: chuck.kstz@thermofisher.com

Zip: 95134



Form PTO-1595 (Rev. 08/05) OMB No. 0651-0027 (ann. 6/30/2006)	U.S. DEPARTMENT OF COMMERCE United States Privat and Trademark Office		
	RIN COVER SHEET		
To the Director of the U.S. Pittent and Trademark Office: Pleas	ie record the attached documents or the new address(es) lielow.		
1. Name of conveying party(les) David G. Patrick	2. Name and address of receiving party(ice) Name: THERMO FINNIGAN LLC Internal Address:		
Additional name(s) of conveying party(ies) stitiched? Yes X No 3. Nature of conveyance/Execution Date(s): Execution Date(s) 05/24/2007	Street Address: <u>355 River Oaks Parkway</u>		
X Assignment       Merger         Security Agreement       Change of Name         Joint Research Agreement       Change of Name         Government Interest Assignment       Executive Order 9424, Confirmatory License         Other	City: <u>San Jose</u> State: <u>CA</u> Country: <u>US</u> Zip: <u>95134</u> Additional name(a) & address(es) attached? Yes XINo document is being filed together with a new application. B. Patent No.(s)		
Additional numbers at	sached? Yes XNo		
5. Name and address to whom correspondence concerning document should be mailed: Name: <u>Charles B. Katz</u> , Thermo Fisher Scientific Inc. Internal Address:	6. Total number of applications and patents involved:l 7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00 Authorized to be charged by credit card X Authorized to be charged to deposit account		
Street Address: 355 River Oaks Parkway	Enclosed		

8. Payment Information

a. Gredit Card Last 4 Numbers

b. Deposit Account Number 50-3267

Authorized User Name Diane Kizer

Expiration Date

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Signature	Data
Diane Kizer	Total number of pages including cover
Name of Person Signing	sheet, attachments, and documents:
Documents to be recorded (including cover sheet) should be from	d to (571) 273-0140, or mailed to:

earchelion Services, Director of the USPTO, P.O.Box 1460, Alexandria, V.A. 22343-1460

PATENT

REEL: 019913 FRAME: 0583

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## ASSIGNMENT

WHEREAS I, <u>DAVID G. PATRICK</u> of <u>979 Catkin Court</u>, <u>San Jose</u>, <u>California 95128</u>, have invented certain new and useful improvements, entitled <u>TOF WITH CLOCK PHASE TO TIME</u> <u>BIN DISTRIBUTION</u> for which invention I have executed an application for Letters Patent in the United States that was filed on  $\frac{25/25/2007}{2007}$  with the U.S. Patent and Trademark Office as Serial No. <u>11/807</u>, 015 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 value consideration, the receipt and sufficiency whereof are hereby acknowledged, I 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 I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to the above-mentioned assignee.

I hereby authorize the above-mentioned assignee or its legal representative to insert in this instrument the filing date and serial number of my 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, I 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 I do hereby covenant and agree with the said assignee that I will not execute any writing or do any act whatsoever conflicting with these presents, and that I 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

PATENT REEL: 019913 FRAME: 0584 IN WITNESS WHEREOF, I hereto set my hand and seal on this 24 day of May 2007.

State of CALIFORNIA

DAVID G. PATRICK

County of <u>SANTA CLARA</u>

On this <u>24</u> day of <u>May 2007</u> before me, <u>DIANE KIZER, NOTARY PUBLIC</u>, personally appeared <u>DAVID G. PATRICK</u> 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.

Num Fizar Signature: \_\_\_\_

(Seal)



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\_\_\_\_\_mey Docket No. 1592US/NAT

## ASSIGNMENT

WHEREAS 1. DAVID G. PATRICK of 979 Catkin Court. San Jose. California 95128, have invented certain new and useful improvements, entitled TOF WITH CLOCK PHASE TO TIME BIN DISTRIBUTION for which invention I have executed an application for Letters Patent in the United States that was filed on 05/25/2007 \_\_\_\_with the U.S. Patent and Trademark Office as Serial No. 11/807, 015 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 assignce) 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 value consideration, the receipt and sufficiency whereof are hereby acknowledged, I 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 I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to the abovementioned assignee.

I hereby authorize the above-mentioned assignce or its legal representative to insert in this instrument the filing date and serial number of my 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, I convey to said assignce 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 I do hereby covenant and agree with the said assignee that I will not execute any writing or do any act whatsoever conflicting with these presents, and that I 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

PATENT REEL: 019913 FRAME: 0586 09-21-07 06:38 COMPANY:355 RIVER OAKS PARKWAY

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At \_\_\_\_\_ Docket No. 1592US/NAT

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assignce'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.

IN WITNESS WHEREOF, I hereto set my hand and seal on this 24 day of May 2007.

DAVID G. PATRICK

State of CALIFORNIA

County of SANTA CLARA

On this <u>24</u> day of <u>May 2007</u> before me, <u>DIANE KIZER, NOTARY PUBLIC</u>, personally appeared <u>DAVID G. PATRICK</u> 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.

Signature: Minu tizar

(Seal)



**RECORDED: 09/19/2007**