PATENT ASSIGNMENT

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Ges.z.Ford. angew. Optik, Optoelektronik, Quantenelektronik und Spektroskopie e.V.	02/24/2010

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11629143

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NAME OF SUBMITTER: Robert R. Mallinckrodt

Total Attachments: 3 source=32153#page1.tif source=32153#page2.tif source=32153#page3.tif

> PATENT REEL: 024355 FRAME: 0236

OF \$40.00 11629143

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ATTORNEY DOCKET NO.: 02207-32153.US U. S. Patent Application No: 11/629,143

WHEN RECORDED RETURN TO:
Robert Mallinckrodt
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SANDY, UTAH 84091-1219

ASSIGNMENT

WHEREAS, Ges.z.Ford. angew. Optik, Optoelektronik, Quantenelektronik und Spektroskopie e.V., an association organized and existing under the laws of Germany, having a business address of Rudower Chaussee 29 (IGZ), D – 12489 Berlin, Germany, (hereinafter "Assignor"), owns by assignment a joint right, title, and interest in and to a certain improvement relating to an ECHELLE-SPECTROMETER WITH IMPROVED USE OF THE CAPACITY OF A DETECTOR BY USING TWO SPECTROMETER ARRANGEMENTS for which an application for United States Letters Patent was filed on October 15, 2007, and given U.S. Patent Application Serial No. 11/629,143; and

WHEREAS, Leibniz-Institut fur Analytische Wissenschaften – ISAS – e.V., formerly known as Gesellschaft zur Forderung der Analytischen Wissenschaften e.V., an association organized and existing under the laws of Germany, having a business address of Bunsen-Kirchhoff-Strasse 11, 44139 Dortmund, Germany, (hereinafter "Assignee"), is desirous of acquiring Assignor's entire right, title, and interest in and to the said invention and application, including any and all divisions and continuation thereof, and any and all Letters Patents which may be granted therefor, including any and all renewals, reissues, and prolongations thereof;

NOW, THEREFORE, for and in consideration of one dollar (\$1.00) and other good and valuable consideration paid by the Assignee, the receipt and sufficiency whereof is hereby acknowledged, said Assignor hereby assigns, sells, and transfers to said Assignee, its assigns and legal representatives, Assignor's entire right, title, and interest in and to said invention and

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PATENT REEL: 024355 FRAME: 0237 application, including any and all divisions and continuations thereof, and any and all Letters Patents which may be granted therefore, including any and all renewals, reissues, and prolongations thereof, said Assignee and it's assigns and legal representatives to have, hold, exercise, and enjoy the said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patents which may be granted therefore, including any and all renewals, reissues, and prolongations thereof, with all the rights, powers, privileges, and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such Letters Patents when granted, including any and all renewals, reissues, and prolongations thereof, for the use and benefit of said Assignee and it's assigns and legal representatives, in as ample and beneficial a manner to all intents and purposes as said Assignor might or could have held and enjoyed the same, if this assignment had not been made;

And said Assignor hereby agrees to execute all papers that may be necessary to file applications in the United States and foreign countries for said invention and to assign the same to said Assignee, or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing Letters Patent thereon;

And said Assignor authorizes and requests the Commissioner of Patents to issue Letters

Patent on said application, and on any and all divisions and continuations thereof, to said

Assignee, it's assigns and legal representatives, in accordance herewith.

Executed this 2 day of 2010 at 2-1

Ges.z.Ford. angew. Optik, Optoelektronik, Quantenelektronik und Spektroskopie e.V.

Name:

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Title: (Assignor Company)

Gesselschaft zur Förderung angewandter Optik, Optionisierenk, Ouantenelekwonk und Speidroskople e.V. Rurbuver Chaussee 29 (IGZ) 12489 - 0 E.P. U.I.N.

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PATENT REEL: 024355 FRAME: 0239