504978133 06/26/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RAP.ID PARTICLE SYSTEMS GMBH	04/23/2018

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Patent Number:	7016034

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NAME OF SUBMITTER:	LISA A. AMII
SIGNATURE:	/Lisa A. Amii/
DATE SIGNED:	06/26/2018

Total Attachments: 4

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PATENT 504978133 REEL: 046205 FRAME: 0959

ASSIGNMENT OF PATENT RIGHTS (Company to Company)

rap.ID Particle Systems GmbH, a company having its principal place of business at Kopenicker Str. 325 Haus 11/12, 1255 Berlin, Germany (herein referred to as "Assignor"), owns the rights, title and interest in any Letters Patent(s) ("said patent(s)") and any Patent application(s) ("said application(s)") set forth in *Schedule A*, which is attached hereto, as well as any invention(s) ("said invention(s)") disclosed in said application(s) and said patent(s).

WHEREAS, Unchained Labs, a corporation of Delaware having its principal place of business at 6870 Koll Center Parkway, Pleasanton, California 94566 its successors, legal representatives and assigns (the "Assignee"), is desirous of acquiring the rights, title, and interest in and to said invention(s), said application(s), and said patent(s) listed in *Schedule A*, the right to file applications on said invention(s), the rights, title and interest in and to any application(s), the right to recover any and all past, present, and future infringements of said application(s) and said patent(s), and the rights, title, and interest in and to any and all Letters Patent or Patents, United States or foreign, to be obtained for said invention(s) and said application(s);

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignor has sold, assigned, transferred, and set over, and by these presents does sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the rights, title, and interest in and to said invention(s), and application(s), and said patent(s) listed in **Schedule** A, the right to file applications on said invention(s), the rights, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said application(s), including divisions, continuations, and continuations-in-part of said application(s), the right to recover any and all past, present, and future damages, including provisional or other royalties, for any and all past, present, and future infringements of said application(s) and said patent(s), the rights, title and interest in and to any and all Letters Patent or Patents, United States or foreign, to be obtained for said invention(s) and said application(s), the rights, title and interest in and to any and all reissues and extensions of said patent(s), and all rights under the Hague Convention, the Paris Convention for the Protection of Industrial Property, and under the Patent Cooperation Treaty, the same to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made;

AND for the same consideration, the Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignor is the lawful owner of the rights, title and interest in and to said invention(s), said application(s), and said patent(s), and that

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the same are unencumbered, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns that the Assignor will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said invention(s), said application(s), said application(s), any application claiming priority to said application(s), any reissue or extension of said patent(s), and any United States or foreign Letters Patent or Patents for said invention(s) or said application(s), including interference and derivation proceedings, and any post-grant proceedings (e.g., opposition proceedings, post-grant reviews, *Inter partes* reviews, supplemental examinations, etc.), is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent or Patents for said invention(s), without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignor hereby requests the Commissioner of Patents of the United States, and other patent offices, to issue any and all aforementioned patent(s) to the Assignee, as the Assignee of said invention(s) and the Letters Patent to be issued thereon for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

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In witness whereby, executed by the undersigned on the date(s) opposite the undersigned name(s).

Docket No. 323485-2000

SCHEDULE A

Application No./ Patent No.	Title
U.S. 7,016,034	Methods of Using and Fabricating a Supporting Substrate for the Deposition, Automated Recognition, and Spectroscopic Identification of Particles
EP1397664B1	Supporting Substrate Used for the Deposition, Automated Recognition and Spectroscopic Identification of Particles
U.S. 15/379,546	System and Method for Confocal Raman-Spectroscopic Measurements of Biological Samples
EP3182099A1	System and Method for Confocal Raman-Spectroscopic Measurements of Biological Samples
DE102017107857A1	Liquid Cell for Microscopic Imaging and Raman Spectroscopic Material Analysis of Particle Suspensions (Flüssigkeitszelle zur mikroskopischen Bildgebung und ramanspektroskopischen Materialanalyse von Partikelsuspensionen)
DE102010064463B4	Means for Identifying Biotic Particles (Vorrichtung zum Identifizieren biotischer Partikel)
DE102010053749B4	Means for Identifying Biotic Particles (Vorrichtung zum Identifizieren biotischer Partikel)
DE102004008762B4	Method and Device for Detecting and Identifying Bioparticles (Verfahren und Vorrichtung zur Detektion und zum Identifizieren von Biopartikeln)

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PATENT REEL: 046205 FRAME: 0963