

**General:**

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- Status of the document <ep-bulletin>: **Replacement of data for an application already published**
- Changed tag from previous publication of document <B002EP><ep-chgt-info>: **B475=N,20220527**
- Publication number of the document (EPO or WIPO) <B110>: **3384046**
- Kind of document <B130>: **B1**
- EPO Application number <B210>: **16816512.4**
- Application filing date <B220>: **2016.11.30**
- Date of refusal of application <B235>:
- Date of withdrawal of application <B235>:
- Date of application deemed withdrawn <B237>:
- Date of receipt of request for re-establishment of rights <B238EP>:
- Date of decision for re-establishment of rights <B238>:
- Date of making available to the public by printing or similar process of an unexamined patent document, on which no grant has taken place on or before the said date <B430>: **2018.10.10**
- Date of making available to the public by printing or similar process of a patent document on which grant has taken place on or before the said date <B450><date>: **2021.04.28**
- Number of the EPO Bulletin in which the mention of the grant is published. <B450><bnum>: **202117**
- Date of rejection of the opposition procedure <B787>:
- Date of termination of the opposition procedure <B788>:
- Due date for translation: **2021.07.28**
- Text when the inventor has agreed to waive his entitlement to designation. <B009EP><text[jj]>:
- Date of reception of document: **2022.07.01**
- Date of publication <B140>: **2022.06.29**

**Priority <B300>:**

<b>Number(s) assigned to priority application(s) &lt;B310&gt;:</b>	<b>Date(s) of filing of priority application(s) &lt;B320&gt;:</b>	<b>National property office allotting the priority application number or the organization allotting the regional priority application Number (WO for PCT) – country code &lt;B330&gt;:</b>
	2015.12.01	US
	2016.01.21	US
	2016.03.28	US

	2016.07.06	US
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**Lapse <B472>:**  
**No lapse.**

**Classification <B500>:**

<b>IPC (8) as one fixed length field of 50 positions &lt;B510EP&gt;&lt;text&gt;:</b>	<b>Edition of IPC (IPC version) &lt;B516&gt;:</b>
B01L 3/00 20060101ALI20201027BHEP	8
C12Q 1/6806 20180101AFI20201027BHEP	8
C12Q 1/6869 20180101ALI20201027BHEP	8
G01N 1/28 20060101ALI20201027BHEP	8
G01N 15/10 20060101ALI20201027BHEP	8
G01N 33/543 20060101ALI20201027BHEP	8

**Title <B540>:**  
**No title.**

**Division <B620> or <B620EP>:**

<b>Application number of the parent application &lt;B620&gt;&lt;anum&gt; or &lt;B620EP&gt;&lt;anum&gt;:</b>	<b>Publication number of the parent application &lt;B620&gt;&lt;pnum&gt; or &lt;B620EP&gt;&lt;pnum&gt;:</b>	<b>Date of receipt &lt;B620&gt;&lt;date&gt; or &lt;B620EP&gt;&lt;date&gt;:</b>	<b>Parent &lt;B620&gt; or &lt;B620EP&gt;:</b>
21170333.5		2021.04.26	1

**EPO Customer <B710>&<B720>&<B730>&<B740>:**

<b>Name &lt;snm&gt;:</b>	ABSALAN, Farnaz	<b>EPO number of the customer &lt;iid&gt;:</b>	
<b>Address &lt;street&gt;, &lt;city&gt;, &lt;ctry&gt;:</b>	626 Poplar Avenue Redwood City, California 94061 US		
<b>Customer type:</b>	Inventor	<b>Status:</b>	0

<b>Name &lt;snm&gt;:</b>	CANN, Gordon	<b>EPO number of the customer &lt;iid&gt;:</b>	
<b>Address &lt;street&gt;, &lt;city&gt;, &lt;ctry&gt;:</b>	1227 Gordon Street Redwood City, California 94061 US		
<b>Customer type:</b>	Inventor	<b>Status:</b>	0

<b>Name &lt;snm&gt;:</b>	FISHER, Jeffrey, S.	<b>EPO number of the customer &lt;iid&gt;:</b>	
<b>Address &lt;street&gt;, &lt;city&gt;, &lt;ctry&gt;:</b>	7855 Via Montebello 4 San Diego, California 92129 US		
<b>Customer type:</b>	Inventor	<b>Status:</b>	0

<b>Name &lt;snm&gt;:</b>	Illumina, Inc.	<b>EPO number of the customer &lt;iid&gt;:</b>	101301842
<b>Address &lt;street&gt;, &lt;city&gt;, &lt;ctry&gt;:</b>	5200 Illumina Way San Diego, CA 92122 US		
<b>Customer type:</b>	Grantees	<b>Status:</b>	0

<b>Name &lt;snm&gt;:</b>	JAMSHIDI, Arash	<b>EPO number of the customer &lt;iid&gt;:</b>	
<b>Address &lt;street&gt;, &lt;city&gt;, &lt;ctry&gt;:</b>	2048 Maryland Street Redwood City, California 94061 US		
<b>Customer type:</b>	Inventor	<b>Status:</b>	0

<b>Name &lt;snm&gt;:</b>	KHURANA, Tarun	<b>EPO number of the customer &lt;iid&gt;:</b>	
<b>Address &lt;street&gt;, &lt;city&gt;, &lt;ctry&gt;:</b>	38866 Northern Common Fremont, California 94536 US		
<b>Customer type:</b>	Inventor	<b>Status:</b>	0

<b>Name &lt;snm&gt;:</b>	LIN, Yan-you	<b>EPO number of the customer &lt;iid&gt;:</b>	
<b>Address &lt;street&gt;, &lt;city&gt;, &lt;ctry&gt;:</b>	4251 Nerissa Circle Fremont, California 94555 US		
<b>Customer type:</b>	Inventor	<b>Status:</b>	0

<b>Name &lt;snm&gt;:</b>	Murgitroyd & Company	<b>EPO number of the customer &lt;iid&gt;:</b>	101691439
<b>Address &lt;street&gt;, &lt;city&gt;, &lt;ctry&gt;:</b>	Murgitroyd House 165-169 Scotland Street Glasgow G5 8PL GB		
<b>Customer type:</b>	Attorney / Agent	<b>Status:</b>	0

<b>Name &lt;snm&gt;:</b>	STUART, Sarah	<b>EPO number of the customer &lt;iid&gt;:</b>	
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<b>Address &lt;street&gt;, &lt;city&gt;, &lt;ctry&gt;:</b>	2400 Skyline Drive Pacifica, California 94044 US		
<b>Customer type:</b>	Inventor	<b>Status:</b>	0

<b>Name &lt;snm&gt;:</b>	WU, Yir-Shyuan	<b>EPO number of the customer &lt;iid&gt;:</b>	
<b>Address &lt;street&gt;, &lt;city&gt;, &lt;ctry&gt;:</b>	825 Cornell Ave Albany, California 94706 US		
<b>Customer type:</b>	Inventor	<b>Status:</b>	0

**Opposition <B780>:**  
No opposition.

**Designated countries <B840>:**

<b>Kind of document &lt;B130&gt;:</b>	<b>Date of publication &lt;B140&gt;:</b>	<b>Country code &lt;B840&gt;&lt;ctry&gt;:</b>
B1	2022.06.29	NO

**PCT <B860>&<B870>:**

<b>Kind of document &lt;B130&gt;:</b>	B1		
<b>PCT Application number &lt;B861&gt;&lt;anum&gt;:</b>	US2016064206	<b>Date of filing &lt;B861&gt;&lt;date&gt;:</b>	2016.11.30
<b>PCT Publication number &lt;B871&gt;&lt;pnum&gt;:</b>	WO2017095917	<b>Publication date &lt;B871&gt;&lt;date&gt;:</b>	2017.06.08

<b>Issue number of the Gazette &lt;B871&gt;&lt;bnum&gt;:</b>	201723	<b>Country code &lt;B862&gt;:</b>	en
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**Citations <B560>:**

<b>Kind of document &lt;B130&gt;:</b>	<b>Type &lt;B561&gt; or &lt;B562&gt;:</b>	<b>Text &lt;B561&gt;&lt;text&gt; or &lt;B562&gt;&lt;text&gt;:</b>
B1	PT citation	US-A1- 2014 262 787
B1	PT citation	US-A1- 2015 072 900
B1	PT citation	US-A1- 2015 141 261
B1	PT citation	US-A1- 2015 253 284
B1	Non PT citation	DINO DI CARLO ET AL: "Dynamic single cell culture array", LAB ON A CHIP: MINIATURISATION FOR CHEMISTRY, PHYSICS, BIOLOGY, MATERIALS SCIENCE AND BIOENGINEERING, vol. 6, no. 11, 1 January 2006 (2006-01-01), page 1445, XP055344261, GB ISSN: 1473-0197, DOI: 10.1039/b605937f cited in the application
B1	Non PT citation	RETTIG JACQUELINE R ET AL: "Large-scale single-cell trapping and imaging using microwell arrays", ANALYTICAL CHEMISTRY, AMERICAN CHEMICAL SOCIETY, US, vol. 77, no. 17, 1 September 2005 (2005-09-01), pages 5628-5634, XP002629255, ISSN: 0003-2700, DOI:

		10.1021/AC0505977 [retrieved on 2005-07-30]
B1	Non PT citation	YAMAMURA S AL: "Single-cell microarray for analyzing cellular response", ANALYTICAL CHEMISTRY, AMERICAN CHEMICAL SOCIETY, US, vol. 77, no. 24, 12 November 2005 (2005-11-12), pages 8050-8056, XP002407149, ISSN: 0003-2700, DOI: 10.1021/AC0515632
B1	Non PT citation	NILSSON J ET AL: "Review of cell and particle trapping in microfluidic systems", ANALYTICA CHIMICA ACTA, ELSEVIER, AMSTERDAM, NL, vol. 649, no. 2, 7 September 2009 (2009-09-07), pages 141-157, XP026497473, ISSN: 0003-2670, DOI: 10.1016/ J.ACA.2009.07.017 [retrieved on 2009-07-14]
B1	Non PT citation	DAVID M RISSIN ET AL: "Single-molecule enzyme- linked immunosorbent assay detects serum proteins at subfemtomolar concentrations", NATURE BIOTECHNOLOGY, GALE GROUP INC, US, vol. 28, no. 6, 1 June 2010 (2010-06-01), pages 595-599, XP002662812, ISSN: 1087-0156, DOI: 10.1038/NBT.1641 [retrieved on 2010-05-23]

B1	Non PT citation	A. M. THOMPSON ET AL: "Microfluidics for single-cell genetic analysis", LAB ON A CHIP: MINIATURISATION FOR CHEMISTRY, PHYSICS, BIOLOGY, MATERIALS SCIENCE AND BIOENGINEERING, vol. 14, no. 17, 31 March 2014 (2014-03-31), page 3135, XP055344483, GB ISSN: 1473-0197, DOI: 10.1039/C4LC00175C
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