Exhibit 1023

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	ED STATES PATENT	AND TRADEMARK OFFICE	UNITED STATES DEPAR United States Patent and Address: COMMISSIONER I P.O. Box 1450 Alexandria, Virginia 22 www.uspto.gov	FOR PATENTS
APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
11/698,739	01/25/2007	S. George Kottayil	50695.0100	4756
Gail Cumming		EXAMINER		
IP Services Intake Coordinator Cooley LLP 777 6th Street, Suite 1100			WEGERT, SANDRA L	
			ART UNIT	PAPER NUMBER
Washington, DC 20001-3703			1646	
			MAIL DATE	DELIVERY MODE
			05/02/2011	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

PTOL_00A (Rev 04/07)



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	Application No.	Applicant(s)				
	11/698,739	KOTTAYIL ET AL.				
Office Action Summary	Examiner	Art Unit				
	SANDRA WEGERT	1646				
The MAILING DATE of this communication appendent of the second	pears on the cover sheet with the	correspondence address				
 A SHORTENED STATUTORY PERIOD FOR REPL WHICHEVER IS LONGER, FROM THE MAILING D Extensions of time may be available under the provisions of 37 CFR 1.⁻ after SIX (6) MONTHS from the mailing date of this communication. If NO period for reply is specified above, the maximum statutory period Failure to reply within the set or extended period for reply will, by statute Any reply received by the Office later than three months after the mailin earned patent term adjustment. See 37 CFR 1.704(b). 	DATE OF THIS COMMUNICATIO 136(a). In no event, however, may a reply be the will apply and will expire SIX (6) MONTHS from e, cause the application to become ABANDONE	N. nely filed n the mailing date of this communication. ED (35 U.S.C. § 133).				
Status						
1) Responsive to communication(s) filed on 31 h	<i>Iarch 2011</i> .					
2a) This action is FINAL . 2b) This action is non-final.						
3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is						
closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.						
Disposition of Claims						
 4) Claim(s) <u>1-29 and 31-143</u> is/are pending in the 4a) Of the above claim(s) <u>5-8,12-19,24-29 and</u> 5) Claim(s) is/are allowed. 6) Claim(s) <u>1-4,10,11,20-23,31,32 and 139-143</u> is 7) Claim(s) is/are objected to. 8) Claim(s) are subject to restriction and/or 	<u>d 33-138</u> is/are withdrawn from co	nsideration.				
Application Papers						
 9) ☐ The specification is objected to by the Examine 10) ☑ The drawing(s) filed on <u>25 January 2007</u> is/are Applicant may not request that any objection to the Replacement drawing sheet(s) including the correct 11) ☐ The oath or declaration is objected to by the Example. 	e: a)⊠ accepted or b)⊡ objected drawing(s) be held in abeyance. Se tion is required if the drawing(s) is ob	e 37 CFR 1.85(a). pjected to. See 37 CFR 1.121(d).				
Priority under 35 U.S.C. § 119						
 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. 						
Attachment(s) 1)	4) ☐ Interview Summary Paper No(s)/Mail D 5) ☐ Notice of Informal F 6) ☐ Other:	ate				
Paper No(s)/Mail Date <u>2/15/11, 3/31/11</u> .	6) 🛄 Other:					

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Detailed Action

Status of Application, Amendments, and/or Claims

Applicant's Remarks and the Information Disclosure Statements, sent 15 February 2011

and 31 March 2011, have been entered into the record.

Claims 1-8, 10-29 and 31-143 are pending. Claims 1 is amended. Claims 5-8, 12-19, 24-

29 and 33-138 are withdrawn. Claims 9 and 30 are cancelled. Claims 139-143 are new and read

on the examined invention.

Claims 1-4, 10, 11, 20-23, 31, 32 and 139-143 are under examination in the Instant

Application.

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Withdrawn Rejections/Objections

Claim Rejections: Double Patenting

The nonstatutory double patenting rejection is based on a judicially created doctrine grounded in public policy (a policy reflected in the statute) so as to prevent the unjustified or improper timewise extension of the "right to exclude" granted by a patent and to prevent possible harassment by multiple assignees. A nonstatutory obviousness-type double patenting rejection is appropriate where the conflicting claims are not identical, but at least one examined application claim is not patentably distinct from the reference claim(s) because the examined application claim is either anticipated by, or would have been obvious over, the reference claim(s). See, e.g., In re Berg, 140 F.3d 1428, 46 USPQ2d 1226 (Fed. Cir. 1998); In re Goodman, 11 F.3d 1046, 29 USPQ2d 2010 (Fed. Cir. 1993); In re Longi, 759 F.2d 887, 225 USPQ 645 (Fed. Cir. 1985); In re Van Ornum, 686 F.2d 937, 214 USPQ 761 (CCPA 1982); In re Vogel, 422 F.2d 438, 164 USPQ 619 (CCPA 1970); and In re Thorington, 418 F.2d 528, 163 USPQ 644 (CCPA 1969).

A timely filed terminal disclaimer in compliance with 37 CFR 1.321(c) or 1.321(d) may be used to overcome an actual or provisional rejection based on a nonstatutory double patenting ground provided the conflicting application or patent either is shown to be commonly owned with this application, or claims an invention made as a result of activities undertaken within the scope of a joint research agreement. Application/Control Number: 11/698,739 Art Unit: 1646

Effective January 1, 1994, a registered attorney or agent of record may sign a terminal disclaimer. A terminal disclaimer signed by the assignee must fully comply with 37 CFR 3.73(b).

The rejection of claims 1-4, 10, 11, 20-23, 31 and 32 on the ground of nonstatutory

obviousness-type double patenting over copending Application No. 12/221,333 (Pub No.

2009/0176834), is withdrawn based on claim amendments in the co-pending application.

-Claim Rejections-Prior art

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

The rejection of claims 1-4, 10, 11, 20-23, 31 and 32 under 35 U.S.C. § 102(b) for being

anticipated by Ross (2003, US 2003/0190290, Application No. 10/312,200), is withdrawn based

on applicant's arguments (15 February 2011, p. 20, part A: "Droplet size").

New Claim Rejections/Objections

Claim Rejections - 35 USC § 112- second paragraph

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The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claims 1-4, 10, 11, 20-23, 31, 32 and 139-143 are rejected under 35 U.S.C. 112, second

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