PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4911164

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JIAN GU	04/16/2013
KELLI BRAMLETT	04/16/2013
CHRISTOPHER BURNETT	04/16/2013

RECEIVING PARTY DATA

Name:	LIFE TECHNOLOGIES CORPORATION	
Street Address:	5823 NEWTON DRIVE	
Internal Address:	LEGAL DEPT., INTELLECTUAL PROPERTY	
City:	CARLSBAD	
State/Country:	CALIFORNIA	
Postal Code:	92008	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15950921

CORRESPONDENCE DATA

Fax Number: (760)476-6048

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 760-603-7200

Email: LSGDocketing@thermofisher.com

Correspondent Name: LIFE TECHNOLOGIES CORPORATION

Address Line 1: 5823 NEWTON DRIVE
Address Line 2: ATTN: IP DEPARTMENT

Address Line 4: CARLSBAD, CALIFORNIA 92008

ATTORNEY DOCKET NUMBER:	LT00678DIV	
NAME OF SUBMITTER:	MILA T. KASAN	
SIGNATURE:	/Mila T. Kasan/	
DATE SIGNED:	04/11/2018	

Total Attachments: 3

source=LT00678_Assignment_AsFiled#page1.tif source=LT00678_Assignment_AsFiled#page2.tif

PATENT 504864424 REEL: 045510 FRAME: 0963

 $source = LT00678_Assignment_AsFiled\#page3.tif$

PATENT REEL: 045510 FRAME: 0964

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency, and adequacy of which are hereby acknowledged, I/we:

1. Jian GU, a citizen of US; having a mailing address of

9209 Colberg Drive, Austin Texas 78749;

and a resident of Austin, TX.

2. Kelli BRAMLETT, a citizen of US; having a mailing address of

2314 Pruett Street, Austin, Texas 78703;

and a resident of Austin, TX.

3. Christopher BURNETT, a citizen of US; having a mailing address of

7625 Rockpoint Drive, Austin, Texas 78731;

and a resident of Austin, TX.

do hereby SELL, ASSIGN, AND TRANSFER to LIFE TECHNOLOGIES CORPORATION, (the "Assignee", a corporation of the State of Delaware) having a place of business at 5791 Van Allen Way, Carlsbad, California 92008, USA the entire right, title, and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in United States Non-Provisional Patent Application No. 13/774,648 filed on February 22, 2013 entitled OLIGONUCLEOTIDES AND METHODS FOR THE PREPARATION OF RNA LIBRARIES, and such applications and all divisional, continuing, substitute, renewal, reissue, and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

1 of 3

PATENT REEL: 045510 FRAME: 0965

Docket No. LT00678 Customer No. 52059

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and

foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license, or other

agreement affecting the rights and property herein conveyed has been or will be made to others

by the undersigned, and that the full right to convey the same as herein expressed is possessed by

the undersigned; and

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the

intent and purpose of this assignment, the undersigned will execute all divisional, continuing,

substitute, renewal, reissue, and all other patent applications on any and all such improvements;

execute all rightful oaths, declarations, assignments, powers of attorney, and other papers;

communicate to the Assignee all facts known to the undersigned relating to such improvements

and the history thereof; and generally do everything possible for which the Assignce shall

consider desirable for vesting title to such improvements in the Assignee, and for securing,

maintaining, and enforcing proper patent protection for such improvements.

ASSIGNOR(S) HEREBY AUTHORIZE AND REQUEST the assignee's agents

associated with customer number 52059 to insert above the filing date and application number of

said application when known.

TO BE BINDING on the heirs, assigns, representatives, and successors of the

undersigned and extend to the successors, assigns, and nominees of the Assignee.

Signature:

Name (1) Jian GU

Date: 4/16/2013

2 of 3

PATENT REEL: 045510 FRAME: 0966

Docket No. LT00678 Customer No. 52059

3 of 3

PATENT REEL: 045510 FRAME: 0967

RECORDED: 04/11/2018