

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
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RUOYING TAN	05/12/2010
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Property Type	Number
Application Number:	15923954
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NAME OF SUBMITTER:	MILA T. KASAN
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DATE SIGNED:	03/14/2019
Total Attachments: 4	
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ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency, and adequacy of which are hereby acknowledged, the undersigned, do hereby:

- for which an Application was filed in the United States Patent and Trademark Office on December 17, 2009, Application Serial Number 12/641,321;

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, CA 92008, 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 the application for United States Letters Patent, Serial No. 12/641,321 which has been filed on December 17, 2009 and is entitled "Methods, Compositions, and Kits for Detecting Allelic Variants", and such application 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;

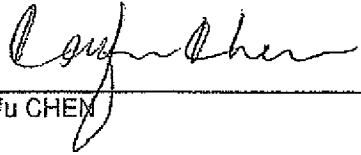
AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

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.

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 Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining, and enforcing proper patent protection for such improvements;

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) Caifu CHEN

Date: 5/12/2010


Signature: 
Name (2) Ruoying Tan

Date: 5/12/2010

File No. LT00005

The Assignee hereby accepts the above assignment of the Patent Rights and all other rights assigned by this assignment

SIGNATURE of Applicant or Assignee of Record

A handwritten signature in black ink, appearing to read 'Alan W. Hammond', written over a horizontal line.

Alan W. Hammond, Chief Intellectual Property Counsel
Life Technologies Corporation