

<b>PATENT ASSIGNMENT COVER SHEET</b>
--------------------------------------

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3620289

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	MERGER
<b>EFFECTIVE DATE:</b>	11/21/2008

**CONVEYING PARTY DATA**

Name	Execution Date
Atom Acquisition, LLC and Applied Biosystems Inc.	11/21/2008

**RECEIVING PARTY DATA**

<b>Name:</b>	Applied Biosystems, LLC
<b>Street Address:</b>	5791 Van Allen Way
<b>City:</b>	Carlsbad
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	92008

**PROPERTY NUMBERS Total: 1**

Property Type	Number
<b>Application Number:</b>	13619679

**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:** 650-266-5805

**Email:** LifetechDocket@system.foundationip.com

**Correspondent Name:** LIFE TECHNOLOGIES CORPORATION

**Address Line 1:** 5791 VAN ALLEN WAY

**Address Line 4:** CARLSBAD, CALIFORNIA 92008

<b>ATTORNEY DOCKET NUMBER:</b>	4916-11 C1 US
<b>NAME OF SUBMITTER:</b>	MILA T. KASAN
<b>SIGNATURE:</b>	/Mila T. Kasan/
<b>DATE SIGNED:</b>	11/17/2015

**Total Attachments: 4**

source=Certificate of Merger Applied Biosystems Inc. (ABI) into Applied Biosystems, LLC (ABLLC)#page1.tif  
 source=Certificate of Merger Applied Biosystems Inc. (ABI) into Applied Biosystems, LLC (ABLLC)#page2.tif  
 source=Certificate of Merger Applied Biosystems Inc. (ABI) into Applied Biosystems, LLC (ABLLC)#page3.tif  
 source=Certificate of Merger Applied Biosystems Inc. (ABI) into Applied Biosystems, LLC (ABLLC)#page4.tif

# Delaware

PAGE 1

*The First State*

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF MERGER, WHICH MERGES:

"APPLIED BIOSYSTEMS INC.", A DELAWARE CORPORATION,  
WITH AND INTO "ATOM ACQUISITION, LLC" UNDER THE NAME OF  
"APPLIED BIOSYSTEMS, LLC", A LIMITED LIABILITY COMPANY ORGANIZED  
AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS  
RECEIVED AND FILED IN THIS OFFICE THE TWENTY-FIRST DAY OF  
NOVEMBER, A.D. 2008, AT 12:25 O'CLOCK P.M.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE  
NEW CASTLE COUNTY RECORDER OF DEEDS.

4558713 8100M

081134148



You may verify this certificate online  
at [corp.delaware.gov/authver.shtml](http://corp.delaware.gov/authver.shtml)

*Harriet Smith Windsor*  
Harriet Smith Windsor, Secretary of State  
AUTHENTICATION: 6981372

DATE: 11-21-08

PATENT  
REEL: 037064 FRAME: 0398

**STATE OF DELAWARE  
CERTIFICATE OF MERGER OF  
APPLIED BIOSYSTEMS INC.  
(A DELAWARE CORPORATION)  
WITH AND INTO  
ATOM ACQUISITION, LLC  
(A DELAWARE LIMITED LIABILITY COMPANY)**

Pursuant to Title 8, Section 264(c) of the Delaware General Corporation Law (the "DGCL") and Title 6, Section 18-209 of the Delaware Limited Liability Company Act (the "DLLCA"), the undersigned limited liability company executed the following Certificate of Merger:

**FIRST:** The entities participating in the merger herein certified (the "Merger") are: (1) Atom Acquisition, LLC, a Delaware limited liability company ("Atom Acquisition"); and (2) Applied Biosystems Inc., a Delaware corporation ("Applied Biosystems").

**SECOND:** The Agreement and Plan of Merger dated as of June 11, 2008, as amended on September 9, 2008 and October 15, 2008, (as amended, the "Merger Agreement") by and among Invitrogen Corporation, a Delaware Corporation ("Parent"), Atom Acquisition, a direct and wholly-owned subsidiary of Parent, Atom Acquisition Corporation, a Delaware corporation and a direct wholly-owned subsidiary of Atom Acquisition, and Applied Biosystems, has been approved, adopted, certified, executed and acknowledged in accordance with Sections 18-204 and 18-209 of the DLLCA, in the case of Atom Acquisition, and Sections 103 and 264 of the DGCL, in the case of Applied Biosystems.

**THIRD:** The surviving company in the Merger is Atom Acquisition, which will continue its existence as the surviving company pursuant to the provisions of the DLLCA.

**FOURTH:** The current name of the company is Atom Acquisition, LLC, and the name of the surviving company shall be Applied Biosystems, LLC.

**FIFTH:** The Certificate of Formation of the surviving company shall be adopted as its Certificate of Formation.

**SIXTH:** The Merger Agreement is on file at c/o Invitrogen Corporation, 5781 Van Allen Way, Carlsbad, California 92008, the place of business of the Sole Member of the surviving company.

**SEVENTH:** A copy of the Merger Agreement will be furnished by the surviving company, on request and without cost, to any member of Atom Acquisition or stockholder of Applied Biosystems.


**EIGHTH:** The merger shall become effective as of the time of filing hereof in the office of the Secretary of State of the state of Delaware.

[Signature Page Immediately Follows]

IN WITNESS WHEREOF, the undersigned have executed and acknowledged this Certificate of Merger as of November 21, 2008.

Atam Acquisition, LLC

By: Invitrogen Corporation, as its Sole Member

By:   
Name: John A. Cottingham  
Title: Senior Vice President,  
General Counsel and Secretary

[Signature Page for Amended Merger Certificate]