505633617 08/21/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5680423

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

CONVEYING PARTY DATA

Name	Execution Date
APPLIED BIOSYSTEMS INC. AND ATOM ACQUISITION, LLC	11/21/2008

RECEIVING PARTY DATA

Name:	APPLIED BIOSYSTEMS, LLC	
Street Address:	5823 NEWTON DRIVE	
City:	CARSLBAD	
State/Country:	CALIFORNIA	
Postal Code:	92008	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15595439

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: 7606037200

Email: patentdocketing@thermofisher.com

Correspondent Name: LIFE TECHNOLOGIES CORPORATION

Address Line 1: IP LEGAL DEPARTMENT

Address Line 2: 5823 NEWTON DRIVE

Address Line 4: CARLSBAD, CALIFORNIA 92008

ATTORNEY DOCKET NUMBER:	4838C2D1	
NAME OF SUBMITTER:	GRACIE SEGOVIA	
SIGNATURE:	/Gracie Segovia/	
DATE SIGNED:	08/21/2019	

Total Attachments: 4

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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

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You may verify this certificate online at corp.delaware.gov/authver.shtml

Warriet Smith Windson

Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 6981372

DATE: 11-21-08

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State of Delaware Secretary of State Division of Corporations Delivered 12:24 PM 11/21/2008 FILED 12:25 PM 11/21/2008 SRV 081134148 - 4558713 FILE

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.

PATENT REEL: 050123 FRAME: 0218 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]

PATENT REEL: 050123 FRAME: 0219 IN WITNESS WHEREOF, the undersigned have executed and acknowledged this Certificate of Merger as of November 21, 2008.

Atum Acquisition, LLC

By: Invitrogen Corporation, as its Sole

Member

Name: John A. Cottingham Title: Senior Vice President,

General Counsel and Secretary

[Signature Page for Second Merger Certificate]

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RECORDED: 08/21/2019