PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3686477

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

CONVEYING PARTY DATA

Name	Execution Date
ATOM ACQUISITION CORPORATION	11/21/2008

RECEIVING PARTY DATA

Name:	APPLIED BIOSYSTEMS INC.
Street Address:	850 LINCOLN CENTER DRIVE
City:	FOSTER CITY
State/Country:	CALIFORNIA
Postal Code:	94404

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14919679

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: lifetechdocket@system.foundationip.com
Correspondent Name: LIFE TECHNOLOGIES CORPORATION
Address Line 1: IP LEGAL DEPARTMENT
Address Line 2: 5791 VAN ALLEN WAY
Address Line 4: CARLSBAD, CALIFORNIA 92008

ATTORNEY DOCKET NUMBER:	4767D1D1US
NAME OF SUBMITTER:	BERNADETTE M. PERFECT
SIGNATURE:	/Bernadette M. Perfect/
DATE SIGNED:	01/07/2016

Total Attachments: 5
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Delaware

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:

"ATOM ACQUISITION CORPORATION", A DELAWARE CORPORATION,

WITH AND INTO "APPLIED BIOSYSTEMS INC." UNDER THE NAME OF "APPLIED BIOSYSTEMS INC.", A CORPORATION 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 12:24 O'CLOCK P.M.

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

Harriet Smith Windsor

Harriet Smith Windsor, Secretary of State

2968655 8100M

081134120

AUTHENTICATION: 6981364

DATE: 11-21-08

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

State of Delaware
Secretary of State
Division of Corporations
Delivered 12:24 PM 11/21/2008
FILED 12:24 PM 11/21/2008
SRV 081134120 - 2968655 FILE

STATE OF DELAWARE
CERTIFICATE OF MERGER OF
ATOM ACQUISITION CORPORATION
(A DELAWARE CORPORATION)
WITH AND INTO
APPLIED BIOSYSTEMS INC.
(A DELAWARE CORPORATION)

Pursuant to Title 8, Section 251(c) of the Delaware General Corporation Law (the "DGCL"), the undersigned corporations executed the following Certificate of Merger:

FIRST: The name of the surviving corporation is Applied Biosystems Inc., a Delaware corporation (the "Surviving Corporation"), and the name of the corporation being merged into this surviving corporation is Atom Acquisition Corporation, a Delaware corporation (the "Merging Corporation").

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, LLC, a Delaware limited liability company and a direct and wholly-owned subsidiary of Parent ("Acquisition Sub"), the Surviving Corporation and the Merging Corporation, a direct wholly-owned subsidiary of Acquisition Sub, has been approved, adopted, certified, executed and acknowledged by the Surviving Corporation and the Merging Corporation in accordance with Section 251 of the DGCL.

THIRD: The name of the surviving corporation is Applied Biosystems Inc.

FOURTH: The Amended and Restated Certificate of Incorporation of the Surviving Corporation shall be amended pursuant to the merger to read in its entirety as set forth in Exhibit A attached hereto.

FIFTH: An executed copy of the Merger Agreement is on file at the principal place of business of the Surviving Corporation at the following address: 301 Merritt 7, Main Avenue (old U.S. Route 7), Norwalk, Connecticut 06851.

SIXTH: A copy of the Merger Agreement will be furnished by the Surviving Corporation, on request and without cost, to any stockholder of either the Surviving Corporation or the Merging Corporation.

SEVENTH: 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.

Atom Acquisition Corporation

By: _____
Name: John A. Cottingham
Title: Secretary

Applied Biosystems Inc.

By: _____
Name: William B. Sawch
Title: Senior Vice President and General Counsel

[Signature Page for Post Merger Certificate]

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

Atom Acquisition Corporation

By:_____
Name: John A. Cottingham
Title: Secretary

Applied Biosystems Inc.

By:_____
Name: William B. Sawch
Title: Senior Vice President and General Counsel

[Signature Page for First Merger Certificate]

EXHIBIT A

AMENDED AND RESTATED CERTIFICATE OF INCORPORATION

OF

APPLIED BIOSYSTEMS INC.

FIRST: The name of the corporation is:

Applied Biosystems Inc. (hereinafter called the "Corporation").

SECOND: The address of its registered office in the State of Delaware is 1209 Orange Street, Wilmington, Delaware 19801 in the County of New Castle. The name of its registered agent at such address is The Corporation Trust Company.

THIRD: The nature of the business or purposes to be conducted or promoted by the Corporation are to engage in any lawful act or activity for which corporations may be organized under the General Corporation Law of the State of Delaware.

FOURTH: The Corporation is authorized to issue one class of stock, to be designated "Common Stock," with a par value of $0.01 per share. The total number of shares of Common Stock that the Corporation shall have authority to issue is 3,000.

FIFTH: The business and affairs of the Corporation shall be managed by or under the direction of the Board of Directors. In addition to the powers and authority expressly conferred upon them by statute or by this Certificate of Incorporation or the Bylaws of the Corporation, the directors are hereby empowered to exercise all such powers and do all such acts and things as may be exercised or done by the Corporation. Election of directors need not be by written ballot, unless the Bylaws so provide.

SIXTH: The Board of Directors is authorized to make, adopt, amend, alter or repeal the Bylaws of the Corporation.

SEVENTH: The sole stockholder of the Corporation is Atom Acquisition, LLC. The sole stockholder shall also have power to make, adopt, amend, alter or repeal the Bylaws of the Corporation.

EIGHTH: To the fullest extent permitted by the Delaware General Corporation Law, as the same exists or may hereafter be amended, a director of the Corporation shall not be personally liable to the Corporation or its sole stockholder for monetary damages for breach of fiduciary duty as a director. Any repeal or modification of the foregoing provisions of this Article EIGHTH by the sole stockholder of the Corporation shall not adversely affect any right or protection of a director of the Corporation existing at the time of, or increase the liability of any director of the Corporation with respect to any acts or omissions occurring prior to, such repeal or modification.