

## TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

ETAS ID: TM465487

|   |   |                       |                       |
|---|---|-----------------------|-----------------------|
| <b>SUBMISSION TYPE:</b>   | CORRECTIVE ASSIGNMENT   |                       |                       |
| <b>NATURE OF CONVEYANCE:</b>  | Corrective Assignment to correct the entity of the receiving party from Delaware company to Delaware limited liability company previously recorded on Reel 004094 Frame 896. Assignor(s) hereby confirms the correct entity of the receiving party is a Delaware limited liability company. |                       |                       |
| <b>CONVEYING PARTY DATA</b>   |   |                       |                       |
| <b>Name</b>   | <b>Formerly</b>   | <b>Execution Date</b> | <b>Entity Type</b>    |
| Applied Biosystems, Inc.  |   | 11/21/2008            | Corporation: DELAWARE |
| <b>RECEIVING PARTY DATA</b>   |   |                       |                       |
| <b>Name:</b>  | Applied Biosystems, LLC   |                       |                       |
| <b>Street Address:</b>  | 180 Oyster Point Blvd.  |                       |                       |
| <b>City:</b>  | South San Francisco   |                       |                       |
| <b>State/Country:</b>   | CALIFORNIA  |                       |                       |
| <b>Postal Code:</b>   | 94080   |                       |                       |
| <b>Entity Type:</b>   | Limited Liability Company: DELAWARE   |                       |                       |
| <b>PROPERTY NUMBERS Total: 3</b>  |   |                       |                       |
| <b>Property Type</b>  | <b>Number</b>   | <b>Word Mark</b>      |                       |
| <b>Registration Number:</b>   | 3550677   | XTERMINATOR           |                       |
| <b>Registration Number:</b>   | 2152826   | AMPFLSTR              |                       |
| <b>Registration Number:</b>   | 2130554   | DUAL-LIGHT            |                       |
| <b>CORRESPONDENCE DATA</b>  |   |                       |                       |
| <b>Fax Number:</b>  | 7604766048  |                       |                       |
| <i>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.</i> |   |                       |                       |
| <b>Phone:</b>   | 760-476-6945  |                       |                       |
| <b>Email:</b>   | TFS-TrademarkDocketing@thermofisher.com   |                       |                       |
| <b>Correspondent Name:</b>  | Phil Makrogiannis   |                       |                       |
| <b>Address Line 1:</b>  | 5781 Van Allen Way  |                       |                       |
| <b>Address Line 4:</b>  | Carlsbad, CALIFORNIA 92008  |                       |                       |
| <b>ATTORNEY DOCKET NUMBER:</b>  | AB1   |                       |                       |
| <b>NAME OF SUBMITTER:</b>   | katie horn  |                       |                       |
| <b>SIGNATURE:</b>   | /katie horn/  |                       |                       |
| <b>DATE SIGNED:</b>   | 03/13/2018  |                       |                       |
| <b>Total Attachments: 9</b>   |   |                       |                       |

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**TRADEMARK ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

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

**CONVEYING PARTY DATA**

| Name                     | Formerly                     | Execution Date | Entity Type           |
|--------------------------|------------------------------|----------------|-----------------------|
| Applied Biosystems, Inc. | FORMERLY Applera Corporation | 11/21/2008     | CORPORATION: DELAWARE |

**RECEIVING PARTY DATA**

|                 |                          |
|-----------------|--------------------------|
| Name:           | Applied Biosystems, LLC  |
| Street Address: | 850 Lincoln Centre Drive |
| City:           | Foster City              |
| State/Country:  | CALIFORNIA               |
| Postal Code:    | 94404                    |
| Entity Type:    | COMPANY: DELAWARE        |

**PROPERTY NUMBERS Total: 117**

| Property Type        | Number  | Word Mark              |
|----------------------|---------|------------------------|
| Registration Number: | 2896016 | APPLIED BIOSYSTEMS     |
| Registration Number: | 3127465 | A B APPLIED BIOSYSTEMS |
| Registration Number: | 3486513 | VERITI                 |
| Registration Number: | 3532586 | MABCAPTURE             |
| Registration Number: | 3532549 | CONSIDER THE EVIDENCE  |
| Registration Number: | 3332167 | MITOSEQR               |
| Registration Number: | 3332166 | METHYLSEQR             |
| Registration Number: | 3424424 | BIGDYE XTERMINATOR     |
| Registration Number: | 3455505 | HID                    |
| Registration Number: | 3291785 | MICROAMP               |
| Registration Number: | 3319867 | NANOAMP                |
| Registration Number: | 3419895 | BIOITRAQ               |
| Registration Number: | 3395829 | BIOITRAQ               |

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**TRADEMARK**  
 REEL: 004094 FRAME: 0896  
**TRADEMARK**  
 REEL: 006290 FRAME: 0979

|                      |         |                             |
|----------------------|---------|-----------------------------|
| Registration Number: | 3181688 | YFILER                      |
| Registration Number: | 3090992 | Y-FILER                     |
| Registration Number: | 3282952 | ALLELESEQR                  |
| Registration Number: | 2973961 | ACCURT                      |
| Registration Number: | 3437505 | VARIANTSEQR                 |
| Registration Number: | 2990317 | GENEMATCHER                 |
| Registration Number: | 2943618 | GENEMATCHER S               |
| Registration Number: | 3107491 | TEMPUS                      |
| Registration Number: | 2960890 | QUANTIFILER                 |
| Registration Number: | 2958025 | BLOODPREP                   |
| Registration Number: | 2940748 | BIOMONITOR                  |
| Registration Number: | 3133672 | SNPLEX                      |
| Registration Number: | 3090892 | ZIPCHUTE                    |
| Registration Number: | 2801501 | MICROBIOLOGY GOES MOLECULAR |
| Registration Number: | 3159683 | BIOQUALIFICATION            |
| Registration Number: | 2949655 | BIOREPAIR                   |
| Registration Number: | 2949654 | BIOPARTS                    |
| Registration Number: | 2885088 | BIOMAINTENANCE              |
| Registration Number: | 2826489 | BIOASSURANCE                |
| Registration Number: | 2870442 | ASSAYS-BY-DESIGN            |
| Registration Number: | 2944738 | ASSAYS-ON-DEMAND            |
| Registration Number: | 2841573 | NUCPREP                     |
| Registration Number: | 2727439 | CAMP-SCREEN                 |
| Registration Number: | 2789773 | CAMP-SCREEN DIRECT          |
| Registration Number: | 2867681 | PRIMER FOCUS                |
| Registration Number: | 2891811 | AB APPLIED BIOSYSTEMS       |
| Registration Number: | 2725887 | SAMPLES TO SOLUTIONS        |
| Registration Number: | 3541213 | VALID ID                    |
| Registration Number: | 3610552 | VARIANT REPORTER            |
| Registration Number: | 3550677 | XTERMINATOR                 |
| Registration Number: | 2660258 | NA-STAR                     |
| Registration Number: | 2677012 | PROFILER PLUS               |
| Registration Number: | 2552631 | BIGDYE                      |
| Registration Number: | 2709887 | AMPFLSTR                    |
| Registration Number: | 2638865 | SEQSCAPE                    |

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REEL: 004094 FRAME: 0897

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REEL: 006290 FRAME: 0980

|                      |         |                          |
|----------------------|---------|--------------------------|
| Registration Number: | 2860548 | AB                       |
| Registration Number: | 2626044 | CENTRIRED                |
| Registration Number: | 2632678 | FMAT BLUE                |
| Registration Number: | 2798153 | GENEMAPPER               |
| Registration Number: | 2652380 | ABI PRISM                |
| Registration Number: | 2845210 | ABI PRISM                |
| Registration Number: | 2889452 | ABI PRISM                |
| Registration Number: | 2826800 | SQL*LIMS                 |
| Registration Number: | 2875885 | PREPMAN                  |
| Registration Number: | 2579574 | IDENTIFILER              |
| Registration Number: | 2501391 |                          |
| Registration Number: | 2897523 | HOT START, STRONG FINISH |
| Registration Number: | 3079994 | SCIENCE FOR LIFE         |
| Registration Number: | 3009029 | SCIENCE FOR LIFE         |
| Registration Number: | 2396513 | SNAPSHOT                 |
| Registration Number: | 2574135 | ACGTGACTGAGA             |
| Registration Number: | 2502554 | ACGTGACTGAGA             |
| Registration Number: | 2520577 | VIC                      |
| Registration Number: | 2451476 | BIOBEAT                  |
| Registration Number: | 2425580 | LUC-SCREEN               |
| Registration Number: | 2443097 | FMAT                     |
| Registration Number: | 2510843 | SGM PLUS                 |
| Registration Number: | 2260626 | APPLIED BIOSYSTEMS       |
| Registration Number: | 2507408 | AMPFLSTR COFILER         |
| Registration Number: | 2556378 | COFILER                  |
| Registration Number: | 2369769 | APPLIED BIOSYSTEMS       |
| Registration Number: | 2336527 | TRUE ALLELE              |
| Registration Number: | 2364896 | MICROSEQ                 |
| Registration Number: | 2371414 | PROFILER                 |
| Registration Number: | 2130554 | DUAL-LIGHT               |
| Registration Number: | 2052448 | GALACTON-STAR            |
| Registration Number: | 2052212 | GLUCURON                 |
| Registration Number: | 2015774 | GALACTON-PLUS            |
| Registration Number: | 2015773 | GALACTON                 |
| Registration Number: | 2152826 | AMPFLSTR                 |

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REEL: 004094 FRAME: 0898

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REEL: 006290 FRAME: 0981

|                      |          |                       |
|----------------------|----------|-----------------------|
| Registration Number: | 2036533  | ABI PRISM             |
| Registration Number: | 2186161  | PRIMER EXPRESS        |
| Registration Number: | 1985080  | ABI LV40              |
| Registration Number: | 1950675  | STOCKMARKS            |
| Registration Number: | 2077850  | ABI PRISM             |
| Registration Number: | 2109389  | ABI PRISM             |
| Registration Number: | 1889139  | QUANTIBLOT            |
| Registration Number: | 1897918  | FASTPHORAMIDITE       |
| Registration Number: | 1897917  | ONESTEP               |
| Registration Number: | 1859527  | OPC                   |
| Registration Number: | 1761179  | MICROAMP              |
| Registration Number: | 1740741  | CSPD                  |
| Registration Number: | 1839802  | AMPLIWAX              |
| Registration Number: | 1788777  | GENEAMP               |
| Registration Number: | 1641691  | AMPLITYPE             |
| Registration Number: | 2369619  | AB APPLIED BIOSYSTEMS |
| Registration Number: | 1572682  | GENEAMP               |
| Serial Number:       | 78749841 | TARGETSEQ             |
| Serial Number:       | 77379619 | AB APPLIED BIOSYSTEMS |
| Serial Number:       | 77379613 | APPLIED BIOSYSTEMS    |
| Serial Number:       | 77379624 | AB APPLIED BIOSYSTEMS |
| Serial Number:       | 77379627 | AB APPLIED BIOSYSTEMS |
| Serial Number:       | 77050762 | STEPONEPLUS           |
| Serial Number:       | 77050760 | STEPONE               |
| Serial Number:       | 77419869 | PROTEINSEQ            |
| Serial Number:       | 77419866 | RESDNASEQ             |
| Serial Number:       | 77419861 | VIRALSEQ              |
| Serial Number:       | 77404413 | COPYCALLER            |
| Serial Number:       | 77419854 | ACCUSEQ               |
| Serial Number:       | 77386944 | LIFE EVEN BETTER      |
| Serial Number:       | 77075203 | SOLID                 |
| Serial Number:       | 77073741 | SOLID                 |
| Serial Number:       | 77531927 | PREPSEQ               |
| Serial Number:       | 77419882 | PREPSEQ               |

**TRADEMARK**  
 REEL: 004094 FRAME: 0899  
**TRADEMARK**  
 REEL: 006290 FRAME: 0982

CORRESPONDENCE DATA

Fax Number: (760)476-6048

*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*

Phone: 760-476-7161

Email: docketing@intellevate.com

Correspondent Name: Alan Hammond

Address Line 1: P.O. Box 52050

Address Line 4: Minneapolis, MINNESOTA 55402

|                         |                    |
|-------------------------|--------------------|
| ATTORNEY DOCKET NUMBER: | ASSIGNMENT PROJECT |
| NAME OF SUBMITTER:      | Alan Hammond       |
| Signature:              | /ALAN HAMMOND/     |
| Date:                   | 11/12/2009         |

**Total Attachments: 4**

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# Delaware

PAGE 1

*The First State*

I, JEFFREY W. BULLOCK, 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.

4558713 8100M

090362247

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



  
Jeffrey W. Bullock, Secretary of State  
AUTHENTICATION: 7244960

DATE: 04-14-09

**TRADEMARK**  
REEL: 000090 FRAME: 0001



**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.

Atsum 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 Special Merger Certificate]