

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4558732

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	MERGER	
EFFECTIVE DATE:	11/21/2008	
CONVEYING PARTY DATA		
	Name	Execution Date
	INVITROGEN CORPORATION	11/21/2008
RECEIVING PARTY DATA		
Name:	LIFE TECHNOLOGIES CORPORATION	
Street Address:	5823 NEWTON DRIVE	
City:	CARLSBAD	
State/Country:	CALIFORNIA	
Postal Code:	92008	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	15652219
CORRESPONDENCE DATA		
Fax Number:	(760)476-6048	
	<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>	
Phone:	(760)603-7200	
Email:	LSGDocketing@thermofisher.com	
Correspondent Name:	LIFE TECHNOLOGIES CORPORATION	
Address Line 1:	5823 NEWTON DRIVE	
Address Line 4:	CARLSBAD, CALIFORNIA 92008	
ATTORNEY DOCKET NUMBER:	IVGN481.13CON	
NAME OF SUBMITTER:	GRACIE SEGOVIA	
SIGNATURE:	/Gracie Segovia/	
DATE SIGNED:	08/21/2017	
Total Attachments: 4		
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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 OWNERSHIP, WHICH MERGES:

"LT NAME CORPORATION", A DELAWARE CORPORATION,
WITH AND INTO "INVITROGEN CORPORATION" UNDER THE NAME OF "LIFE TECHNOLOGIES CORPORATION", 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 1:07 O'CLOCK P.M.

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

2753431 8100M

081136549



Harriet Smith Windsor

Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 6981699

DATE: 11-21-08

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

PATENT
REEL: 043346 FRAME: 0009

CERTIFICATE OF OWNERSHIP AND MERGER

MERGING

LT NAME CORPORATION

(a Delaware corporation)

into

INVITROGEN CORPORATION

(a Delaware corporation)

(Pursuant to Section 253 of the

General Corporation Law of Delaware)

Invitrogen Corporation, a corporation organized and existing under the laws of the State of Delaware (the "Company"), hereby certifies that:

FIRST: The Company was originally incorporated on May 21, 1997, pursuant to the Delaware General Corporation Law (the "DGCL").

SECOND: The Company is the owner of one hundred percent (100%) of the outstanding shares of each class of stock of LT Name Corporation, a corporation duly incorporated in the State of Delaware.

THIRD: The Company, by the following resolutions of its Board of Directors duly adopted on November 21, 2008, resolved to merge LT Name Corporation, its subsidiary, into itself, on the conditions set forth in such resolutions:

WHEREAS, the Company is the legal and beneficial owner of one hundred percent (100%) of the outstanding capital stock of LT Name Corporation, a Delaware corporation (the "Subsidiary").

WHEREAS, it is deemed in the best interests of the Company and its stockholders to consolidate its operations through the merger of the Subsidiary with and into the Company (the "Merger") and to assume all of the Subsidiary's liabilities and obligations.

WHEREAS, Section 253 of the DGCL provides that if a parent corporation owns at least ninety percent (90%) of the outstanding shares of each class of stock of a subsidiary corporation, such subsidiary corporation may be merged with and into the parent corporation upon the adoption of an appropriate resolution by the board of directors of the parent corporation and the filing of a Certificate of Ownership and Merger with the Delaware Secretary of State.

NOW THEREFORE, it is hereby

RESOLVED: that the Company shall merge the Subsidiary into itself and assume all of the liabilities and obligations of the Subsidiary pursuant to Section 253 of the DGCL, and that the Corporation shall file a Certificate of Ownership and Merger, in substantially the form attached hereto as Exhibit A with the Delaware Secretary of State;

FURTHER RESOLVED: that, pursuant to Section 253(b) of the DGCL, upon the effective date of the merger, the name of the surviving corporation shall be "Life Technologies Corporation"; and

FURTHER RESOLVED: that the proper officers of the Company are authorized and directed, in the name and on behalf of the Company, to execute such documents and take any and all other actions as such officers shall deem necessary or advisable to carry out the full intent and purposes of the foregoing resolution.

FOURTH: The merger shall become effective as of November 21, 2008.

[Signature Page Immediately Follows]

IN WITNESS WHEREOF, the Company has caused this Certificate of Ownership and Merger to be signed as of November 21, 2008.

Invitrogen Corporation.

By: 

Name: John A. Cottingham

Title: Senior Vice President,
General Counsel and Secretary

[Signature Page for Name Change Merger]