

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT				
NATURE OF CONVEYANCE:	MERGER				
EFFECTIVE DATE:	09/14/2000				
CONVEYING PARTY DATA					
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>LIFE TECHNOLOGIES, INC.</td> <td>09/13/2000</td> </tr> </tbody> </table>		Name	Execution Date	LIFE TECHNOLOGIES, INC.	09/13/2000
Name	Execution Date				
LIFE TECHNOLOGIES, INC.	09/13/2000				
RECEIVING PARTY DATA					
Name:	INVITROGEN CORPORATION				
Street Address:	5791 Van Allen Way				
City:	Carlsbad				
State/Country:	CALIFORNIA				
Postal Code:	92008				
PROPERTY NUMBERS Total: 1					
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13964036</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13964036
Property Type	Number				
Application Number:	13964036				
CORRESPONDENCE DATA					
Fax Number:	7604766048				
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>					
Phone:	7606037200				
Email:	lifetechdocket@system.foundationip.com				
Correspondent Name:	LIFE TECHNOLOGIES CORPORATION				
Address Line 1:	5791 Van Allen Way				
Address Line 4:	Carlsbad, CALIFORNIA 92008				
ATTORNEY DOCKET NUMBER:	IVGN 226.3 CON				
NAME OF SUBMITTER:	Peter G. Foiles				
Signature:	/Peter G. Foiles/				
Date:	08/15/2013				

CH \$40.00 13964036

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 ARE TRUE AND CORRECT COPIES OF ALL DOCUMENTS ON FILE OF "LIFE TECHNOLOGIES, INC." AS RECEIVED AND FILED IN THIS OFFICE.

THE FOLLOWING DOCUMENTS HAVE BEEN CERTIFIED:

CERTIFICATE OF INCORPORATION, FILED THE FIFTEENTH DAY OF MAY, A.D. 1986, AT 10 O'CLOCK A.M.

CERTIFICATE OF AGREEMENT OF MERGER, FILED THE TWENTY-FOURTH DAY OF JUNE, A.D. 1986, AT 10:30 O'CLOCK A.M.

CERTIFICATE OF AMENDMENT, FILED THE TWENTY-FOURTH DAY OF APRIL, A.D. 1987, AT 10 O'CLOCK A.M.

CERTIFICATE OF AMENDMENT, FILED THE FIFTEENTH DAY OF APRIL, A.D. 1998, AT 12:30 O'CLOCK P.M.

CERTIFICATE OF MERGER, FILED THE THIRTEENTH DAY OF SEPTEMBER, A.D. 2000, AT 4:30 O'CLOCK P.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF MERGER IS THE FOURTEENTH DAY OF SEPTEMBER, A.D. 2000, AT 3 O'CLOCK P.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE AFORESAID CERTIFICATES ARE THE ONLY CERTIFICATES ON RECORD OF THE

2091112 8100H

090355292




Jeffrey W. Bullock, Secretary of State
AUTHENTICATION: 7241149

DATE: 04-13-09

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

PATENT
REEL: 031019 FRAME: 0661

Delaware

PAGE 2

The First State


AFORESAID CORPORATION, "LIFE TECHNOLOGIES, INC."



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


Jeffrey W. Bullock, Secretary of State
AUTHENTICATION: 7241149

DATE: 04-13-09

PATENT
REEL: 031019 FRAME: 0662

**CERTIFICATE OF MERGER
MERCING
LIFE TECHNOLOGIES, INC.
INTO
INVITROGEN CORPORATION**

Pursuant to Section 251 of the
General Corporation Law of Delaware

The undersigned corporation, organized and existing under and by virtue of the General Corporation Law of the State of Delaware, does hereby certify:

FIRST: That the name and state of incorporation of each of the constituent corporations of the merger is as follows:

<u>Name</u>	<u>State of Incorporation</u>
Life Technologies, Inc.	Delaware
Invitrogen Corporation	Delaware

SECOND: That an agreement and plan of merger between the parties to the merger has been approved, adopted, certified, executed and acknowledged by each of the constituent corporations in accordance with the requirements of Section 251 of the General Corporation Law of the State of Delaware.

THIRD: That Invitrogen Corporation, a Delaware corporation, shall be the surviving corporation of the merger and its certificate of incorporation shall be the certificate of incorporation of the surviving corporation.

FOURTH: That the executed agreement and plan of merger is on file at the principal place of business of the surviving corporation. The address of the principal place of business of the surviving corporation is 1600 Faraday Avenue, Carlsbad, CA 92008.

FIFTH: That a copy of the agreement and plan of merger will be furnished by the surviving corporation, on request and without cost to any stockholder of any constituent corporation.

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SENT BY: _____

9-13-0 12:58 ;
JANUARY 1993 7 318586771477187350

GCWF:GTO-


302 674 8340:# 3/ 7
NO. 157 003

SIXTH: That this Certificate of Merger shall be effective at 3:00 p.m. on
September 14, 2000.


Dated: September 13, 2000

Invitrogen Corporation,
a Delaware corporation

By: _____


Lyle C. Turner
President and CEO

ATTEST:


James R. Glynn
Executive V.P. and CFO

Gray Cary/GT/6200403.1
102494-159722

RECORDED: 08/15/2013

09/13/2000 WED 11:00 AM
PATENT
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