

FORM PTO-1595  
(Rev. 6-93)

02-27-2003

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

RECO



SHEET

2-24-03

102375258

PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
Life Technologies, Inc.  
Additional name(s) of conveying party(ies) attached?  
 Yes  No

2. Name and address of receiving party(ies):  
Name: Invitrogen Corporation  
Street Address: 1600 Faraday Avenue  
City, State: Carlsbad, California 92008  
Additional name(s) & address(es) attached?  
 Yes  No

3. Nature of Conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other:  
Execution Date: 13 September 2000

4. Application number(s) or patent number(s):  
If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_  
A. Patent Application No(s): \_\_\_\_\_ B. Patent No.(s) 5,227,137  
Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: Kathryn A. Piffat, Ph.D. (Reg. No.:34,901)  
Street Address: Intellectual Property Group of  
Edwards & Angell, LLP  
P.O. Box 9169  
City: Boston State: MA Zip: 02209

6. Total number of applications and patents involved: [1]  
7. Total fee (37 CFR 3.41):.....\$40.00  
 Enclosed  
 Authorized to be charged to deposit account  
8. Deposit account number: 04-1105  
(Attach duplicate copy of this page if paying by deposit account)

**DO NOT USE THIS SPACE**

9. Statement and signature. *To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

Kathryn A. Piffat, Ph.D. (Reg. No.: 34,901)  
Name of Person Signing

*Kathryn A. Piffat, Ph.D.*  
Signature

February 19, 2003  
Date

Total number of pages including cover sheet, attachments, and documents: **4**

OMB No. 0651-0011 (exp. 4/94)

<BOS2.326873.1>

02/26/2003 DBYRNE 00000115 5227137  
01 FC:8021 40.00 DP

**CERTIFICATE OF MERGER  
MERGING  
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.

(Remainder of Page Intentionally Left Blank)

SENT BY:

9-13-00 12:58 :  
UNRECORDED COPY 7 2180067/14/00187358

GCNF: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. Glavin  
Executive V.P. and CFO

Copy Copy(07/6/2004/1)  
100104-129732

09/13/2000 WED 12:38 (TX/RX NO 70501) 2003

LTI CORP R+D

12:18

JUN-08-2001

301 P.04 610 8383

PATENT

REEL: 013774 FRAME: 0944

*State of Delaware*  
*Office of the Secretary of State* PAGE 1

---

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:

"LIFE TECHNOLOGIES, INC.", A DELAWARE CORPORATION,  
WITH AND INTO "INVITROGEN CORPORATION" UNDER THE NAME OF "INVITROGEN CORPORATION", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE 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.



*Harriet Smith Windsor*  
Harriet Smith Windsor, Secretary of State

2753431 8100M

010167384

AUTHENTICATION: 1091840

DATE: 04-20-01

PATENT

RECORDED: 02/24/2003

REEL: 013774 FRAME: 0945