

FORM PTO-1595
(Rev. 6-93)

08-06-2003

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office



COVER SHEET
ONLY

102517629

8-4-03

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

2003 AUG -11 AM 3:58
OPR/FINANCE

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) Des. 315,951

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)

08/05/2003 DBYRNE 00000024 D315951

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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

August 1, 2003
Date

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

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

**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:

Name	State of Incorporation
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 :
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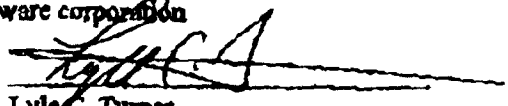
302 674 8340:# 3/ 7
NO. 157 003

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. Glenn
Executive V.P. and CFO

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JUN-08-2001 12:18 LTI CORP R+D

PATENT

REEL: 014337 FRAME: 0852

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

AUTHENTICATION: 1091840

010167384

DATE: 04-20-01

PATENT

RECORDED: 08/04/2003

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