

FORM PTO-1595
(Rev. 6-93)

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

08-06-2003



102517112

VER SHEET
JLY

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

1. Name of conveying party(ies): 8-4-03
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

2002 AUG -4 AM 4:32
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) 5,888,364
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) Kathryn A. Piffat, Ph.D. August 1, 2003
Name of Person Signing Signature Date
Total number of pages including cover sheet, attachments, and documents: **4**

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

08/05/2003 ECDOPER 00000018 5888364

01 FC:0021

40.00 00

**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 218557/14/1187358

GCMF:GTO-

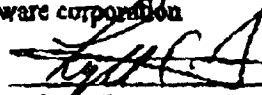
302 674 8340:# 3/ 7
NJ.157 803

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. Gilliam
Executive V.P. and CFO

Copy Copy (07/2004/03)
100194-129722

09/13/2000 WED 11:38 (TX/RX NO 7050) 003

LTI CORP R+D

JUN-08-2001 12:18

301 610 8383 P.04

PATENT
REEL: 014337 FRAME: 0639

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

RECORDED: 08/04/2003

PATENT
REEL: 014337 FRAME: 0640