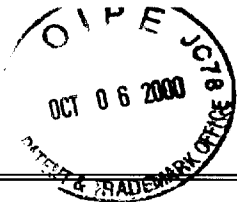


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Form PTO-1595 6-93
 RECORDATION FOR PATENTS
 Department of Commerce
 Trademark Office

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? <input type="checkbox"/> yes <input checked="" type="checkbox"/> no	2. Name and address of receiving party(ies): Name: Invitrogen Corporation Street Address: 1600 Faraday Avenue City: Carlsbad State: California Zip Code: 92008 Country: U.S.A. Additional name(s) & address(es) attached? <input type="checkbox"/> yes <input checked="" type="checkbox"/> no
3. Nature of Conveyance: <input type="checkbox"/> Assignment <input checked="" type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date(s): September 14, 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). 09/220,330	B. Patent No(s).
--	------------------

Additional numbers attached? yes no

5. Name and address of party to whom correspondence concerning document should be mailed: Name: Sterne, Kessler, Goldstein & Fox P.L.L.C. Internal Address: c/o Robert W. Esmond, Esq. (Atty. Dkt. 0942.0490008/RWE) Street Address: 1100 New York Ave., N.W. Suite 600 City: Washington State: D.C. Zip Code: 20005-3934	6. Total number of applications and patents involved <u>1</u>
	7. Total fee (37 C.F.R. § 3.41).....\$ <u>40.00</u> <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to Deposit Account
	8. Deposit Account Number: 19-0036

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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.

Robert W. Esmond October 6, 2000
 Name of Person Signing Signature Date
 Registration No. 32,893 Total number of pages including cover sheet, attachments and document _____

OMB NO. 0651-0011 (exp 4/94)
 Mail documents to be recorded with required cover sheet information to:
 Commissioner of Patents and Trademarks, Box Assignments
 Washington, D.C. 20231

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SKGF Rev. 1/26/98.dew

I, EDWARD J. FREEL, 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.



Edward J. Freel
Edward J. Freel, Secretary of State

2753431 8100M

001468678

AUTHENTICATION: 0679689

DATE: 09-18-00

PATENT
REEL: 011206 FRAME: 0383

**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)


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