

RECOF

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NVX-002; NVX-002 CIP CPA
NVX-002 CIP2; NVX-002 CON1
NVX-002 CON2; NVX-002 CON3
NVX-002 CON4

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

1. Name of conveying party(ies):
NOVEX, a wholly owned subsidiary of INVITROGEN CORPORATION
2-4-03
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
Name: INVITROGEN CORPORATION
Internal Address: _____
Street Address: 1600 Faraday Avenue
City: Carlsbad State: CA ZIP: 92008
Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
Other _____
Execution Date: 09/27/2001

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)
09/728,378
B. Patent No.(s)
5,578,180; 5,922,185
6,059,948; 6,096,182
6,143,154; 6,162,338
Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Daniel M. Becker
Internal Address: _____
Street Address: Fish & Neave
1251 Avenue of the Americas
City: New York State: NY ZIP: 10020

6. Total number of applications and patents involved: 7

7. Total fee (37 CFR 3.41).....\$ 280.00
 Enclosed
 Additional fees are authorized to be charged to deposit account

8. Deposit account number:
06-1075
(Attach duplicate copy of this page if paying by deposit account)

02/11/2003 EDDOPER 00000212 09728378
01 FC:0021 280.00 DP

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.

Daniel M. Becker
Name of Person Signing

Signature

JAN 28 2003
Date

Reg. No. 38,376

Total number of pages including cover sheet, attachments, and document:

4

Delaware

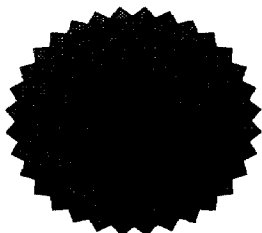
PAGE 1

The First State

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 OWNERSHIP, WHICH MERGES:

"NOVEX", A CALIFORNIA 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 FIRST DAY OF OCTOBER, A.D. 2001, AT 9:01 O' CLOCK A.M.



Harriet Smith Windsor

Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 2217204

2753431 8100M

030043630

DATE: 01-22-03

PATENT
REEL: 013735 FRAME: 0782

CERTIFICATE OF OWNERSHIP

MERGING

NOVEX

INTO

Invitrogen Corporation

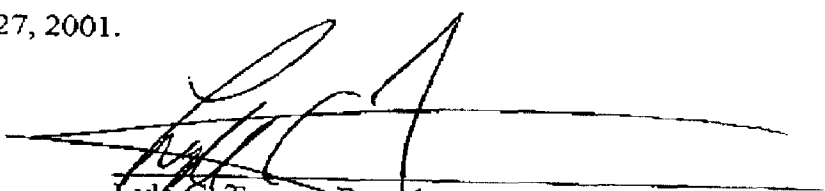
We, Lyle C. Turner and John A. Cottingham, do hereby certify:

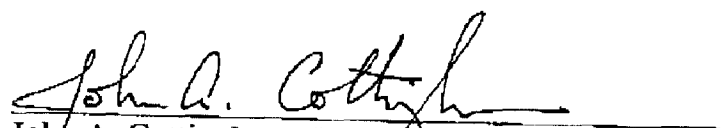
1. That Lyle C. Turner is the President of Invitrogen Corporation, a Delaware corporation (the "Company").
2. That John A. Cottingham is the Secretary of the Company.
3. That the Company is duly organized and existing under the laws of the State of Delaware.
4. That the Company owns 100 percent (100%) of the outstanding shares of NOVEX, a corporation duly organized and existing under the laws of the State of California.
5. That the following resolutions were duly adopted and approved by the Board of Directors of the Company at its regular meeting held on April 26, 2001:

RESOLVED, that the Board hereby approves the merger of the Company's wholly-owned subsidiaries, NOVEX and Novex International Sales Corporation, each California corporations, and Research Genetics, Inc., a Delaware corporation (collectively, the "Subsidiaries"), into the Company, with the Company assuming the Subsidiaries' liabilities and obligations within the meaning of Section 253 of the Delaware General Corporation Law.

RESOLVED FURTHER, that the President and Secretary of the Company are each hereby directed to prepare and execute a Certificate of Ownership pursuant to Section 253 of the Delaware General Corporation Law setting forth the resolutions of the Board of Directors to merge the Subsidiaries into the Company, and to file the same in the office of the Secretary of State of Delaware.

The undersigned declare under penalty of perjury under applicable law that the statements contained in the foregoing certificate are true of their own knowledge. Executed at Carlsbad, California, on September 27, 2001.


Lyle C. Turner, President


John A. Cottingham, Secretary