

Docket No.: 0051

[illegible]

U.S. DEPARTMENT OF COMMERCE

101648747

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

2. Name and address of receiving party(ies):

Name: California Institute of Technology

Internal Address:

Additional names(s) of conveying party(ies) ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement☐ Change of Name☐ Other

Street Address: 1200 East California Boulevard

City: **Pasadena** State: **CA** ZIP: **91125**

Execution Date: Herewith

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or registration numbers(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)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

6. Total number of applications and patents involved:

Name: **Daniel L. Dawes**

Internal Address:

7. Total fee (37 CFR 3.41):.....\$ 40.00

☒ Enclosed - Any excess or insufficiency should be credited or debited to deposit account

☐ Authorized to be charged to deposit account

Street Address: **MYERS DAWES & ANDRAS LLP**

19900 MacArthur Boulevard, Suite 1150

8. Deposit account number:

01-1960

City: Irvine State: CA ZIP: 92612

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 L. Dawes

Name of Person Signing

Signature

Date _____

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

REEL: 011610 FRAME: 0080

ASSIGNMENT**CIT Case No. 3348**

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),

1. Axel Scherer, Ph.D.

hereby sells, assigns and transfers to ASSIGNEE, California Institute of Technology, having its statewide administrative offices located at 1200 East California Boulevard, Pasadena, California 91125 and the successors, assigns and legal representatives of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled:

A METHOD OF FABRICATING NANOMETER-SCALE FLOWCHANNELS AND TRENCHES WITH SELF-ALIGNED ELECTRODES AND THE STRUCTURES FORMED BY THE SAME

and which is found in

- (a) _____ U.S. provisional application filed herewith and listing the above named persons as inventors
 (b) X U.S. patent application filed herewith and listing the above named persons as inventors
 (c) _____ U.S. application serial no. _____ filed on _____
 (d) _____ U.S. Patent No.: _____, issued _____

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(a) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all under all International Conventions for the Protection of Industrial Property;

ASSIGNOR(S) hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR(S) further covenants that the ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

AND the ASSIGNOR(S) requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, California Institute of Technology.

executed this

Signature of Inventor(s)

5 day of March, 2001

Axel Scherer
 Axel Scherer, Ph.D.