

06-08-2001

Docket No.: Q049

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office



101742210

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

1. Name of conveying party(ies):

Axel Scherer Jelena Vuckovic
Marko Longcar Hideo Mabuchi

S-29-61



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

Name: California Institute of Technology

Internal Address: _____

Street Address: 1200 East California Boulevard

City: Pasadena State: CA ZIP: 91125

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

Additional names(s) of conveying party(ies) ☐ Yes

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: 15 MAY 2001

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)

09-847743 filed
05/02/01

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Daniel L. Dawes

Internal Address: _____

Street Address: MYERS, DAWES & ANDRAS LLP

19900 MacArthur Boulevard, Suite 1150

City: Irvine State: CA ZIP: 92612

6. Total number of applications and patents involved:

1

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

8. Deposit account number:

01-1960

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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.

Daniel L. Dawes

Name of Person Signing

Signature

24 May 2001

Date

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

2

PATENT
REEL: 011861 FRAME: 0634

Q049

ASSIGNMENT

CIT Case No.: 3346

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

1. Axel Scherer, Ph.D.
3. Marko (nmi) Longcar2. Jelena (nmi) Vuckovic
4. Hideo (nmi) Mabuchi

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:

**PHOTONIC CRYSTAL MICROCAVITIES FOR STRONG COUPLING BETWEEN AN ATOM AND THE CAVITY FIELD
AND METHOD OF FABRICATING 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)

15 day of May, 200115 day of May, 200115 day of MAY, 200118 day of May, 2001Axel Scherer

Axel Scherer

Jelena (nmi) Vuckovic

Marko (nmi) Longcar

Hideo (nmi) Mabuchi