

12-07-2004



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PATENT
REEL: 016036 FRAME: 0934

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Area Code and Telephone Number

630/252-2042

Name Robert J. Fisher

Address (line 1) U.S. Department of Energy

Address (line 2) Intellectual Property Law Division

Address (line 3) 9800 S. Cass Ave

Address (line 4) Argonne, IL 60439

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01

Application Number(s) or Patent Number(s)

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Patent Application Number(s)

Patent Number(s)

10/868,421

If this document is being filed together with a new Patent Application, enter the date the patent application was

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CONFIRMATORY LICENSE

**Title: Nanowire array and nanowire solar
cells and methods for forming
the same**

**DOE Docket No.: S-101,082
U.S. Patent Application: S.N.: 10/868,421
Filing Date: June 14, 2004
U.S. Patent No.: N/A
Issue Date: N/A**

**Inventor(s): Peidong Yang et al.
Contractor Docket No.: IB-1892
Contract Number: DE-AC03-76SF00098
Contractor: Regents of the University of
California**

Foreign patent applications filed or intended to be filed at contractor's expense in (countries):

PCT designating all countries filed on 6/18/04 (PCT/US04/19718)

The Contractor certifies that a true copy of the provisions which govern patent rights in "subject inventions" under the above-identified contract is herewith submitted or has been submitted to the U.S. Department of Energy by certification dated October 29, 1996.

WHEREAS, the above-identified contract provides the Contractor with the right to elect to retain title in certain inventions and the Contractor has reported the above-identified invention as a subject invention under the contract, has elected to retain title therein, and has agreed to file a domestic patent application thereon, if not previously filed.

ACCORDINGLY, the Contractor hereby confirms that under the provisions of the above-identified contract governing patent rights, it has granted to the Government a nonexclusive, nontransferable, irrevocable, paid-up license to practice or have practiced for or on behalf of the United States the subject invention throughout the world. This license applies to the above-identified invention, the above-identified patent application(s), and any and all divisions or continuations thereof and any resulting patent or reissue patent which may be granted thereon.

The Government reserves for itself, and is hereby granted by the Contractor, the irrevocable power to inspect and make copies of the file wrapper(s) of the above-identified U.S. patent application and of any related or continuation patent application(s), whether domestic or foreign, for the above-identified invention.

It is understood and agreed that this instrument does not preclude the Government from asserting rights under the provisions of the above-identified contract or any other agreement between the Government and the Contractor, or any other rights of the Government with respect to the above-identified invention.

Signed on behalf of: University of California, Lawrence Berkeley National Laboratory
(Contractor)

Witness:

Sharon Kay Reineman
(Signature)

By:

Timothy J. Lithgow 26 Oct 04
(Contractor Official's Signature) (Date)

Sharon Kay Reineman, Admin. Asst.
(Name and Title)

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