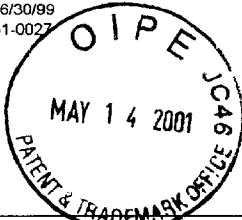


FORM PTO-1619A  
Expires 06/30/99  
OMB 0651-0027

05-22-2001

U.S. Department of Commerce  
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**PATENT**



101724863

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**PATENT**

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<input type="text" value="09496127"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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PCT       PCT       PCT

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Deposit Account

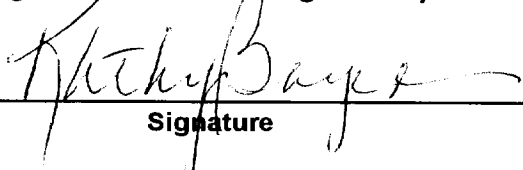
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*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.*

Kathy Bayer            5/11/01

Name of Person Signing      Signature      Date



License to the Government

Patent Application

In accordance with a contract set forth below between the Government of the United States of America, as represented by the Administrator of the National Aeronautics and Space Administration (NASA) and the below-named Contractor, the invention cited below is a SUBJECT INVENTION made in the performance of work under the contract and the  Contractor has elected to retain title to the SUBJECT INVENTION; or  the Contractor has elected not to retain title to the SUBJECT INVENTION; and NASA, after consultation with the Contractor, has granted the request for retention of rights by the Inventor, and employee of the Contractor, subject to the provisions of 35 U.S.C. § 202(d) and FAR 52.227-11, Patent Rights-Retention by the Contractor, but subject to a license to the Government, as described below.

NOW THEREFORE, pursuant to the terms and conditions of the contract, the Contractor/Inventor does hereby grant to the Government of the United States a non-exclusive, non-transferable, irrevocable, paid-up license to practice or have practiced for or on behalf of the United States this SUBJECT INVENTION and any patents which may issue thereon throughout the world. At this time at least the following U.S. patent application has been filed on the SUBJECT INVENTION.

Title: Gas Sensor Test Chip

Contractor: California Institute of Technology

Patent Application Serial No.: 09/496,127

Contract No.: NAS7-1407

Filed: 2/1/2000

Contractor Case No.: 2460-D-C2

Patent No.:

NASA Case No.: NPO 19781

Issue Date:

Inventor(s): Martin Buehler

The Contractor/Inventor agrees to conclude, within the specification of any United States patent applications and any patents issuing thereon covering this SUBJECT INVENTION, the following statement as in FAR 52.227-11(f)(4):

“This invention was made with Government support under contract NAS7-1407 awarded by NASA. The Government has certain rights in this invention”

The Contractor/Inventor further agrees to notify the NASA of any decision not to continue prosecution of the application(s), pay maintenance fees, or defend in a reexamination or opposition proceeding on a patent, in any country, not less than thirty days before the expiration period required by the U.S. Patent and Trademark Office.

Title to this Invention is subject to March-In-Rights by the NASA as stated in 35 U.S.C. § 203 and FAR 52.227-11(j).

The Contractor/Inventor shall furnish a copy of the patent application cited above and a listing of each country in which applications have been and are filed. Whenever a patent issues on the SUBJECT INVENTION, the patent number, the issue date, and the country shall be made known to the Government as soon as it is available to the Contractor/Inventor.

Adam Cochran  
The Intellectual Property Counsel  
(Typed name and title of Corporate Officer)

(Signature and Date)

March 29, 2001

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RECORDED: 05/14/2001

PATENT REEL: 011811 FRAME: 0739 725