

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

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

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S-9/312

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Execution Date  
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Name (line 1)  U. S. Department of Energy

Name (line 2)

Address (line 1)  1000 Independence Avenue, S.W.

Address (line 2)

Address (line 3)  Washington

D.C.

20585-0162

City

State/Country

Zip Code

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FORM PTO-1619B

Expires 06/30/09  
OMB 0851-0027

Page 2

U.S. Department of Commerce  
Patent and Trademark Office  
PATENT

## Correspondent Name and Address

Area Code and Telephone Number

202-586-2810

Name Betty A. WinchesterAddress (line 1) U. S. Department of EnergyAddress (line 2) 1000 Independence Avenue, S.W.Address (line 3) Washington, D. C. 20585-0162Address (line 4) 

## Pages

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## Application Number(s) or Patent Number(s)

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Patent Application Number(s)

Patent Number(s)

6,438,501If this document is being filed together with a new Patent Application, enter the date the patent application  
was

Month Day Year

## Patent Cooperation Treaty (PCT)

Enter PCT application number  
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has not been assigned.

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## Number of Properties

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PATENT

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09/222 487  
now Pat 6 438 501

## CONFIRMATORY LICENSE

(Nonprofit Organizations or Small Business Firms)

Title: Flow Through Electrode with Automated Calibration (E-1692)  
Inventor(s): JE Szecsody, MD Williams, VR Vermeul  
Serial No.: 09/222,487  
Contractor: Battelle Memorial Institute, PNNL  
DOE Contract No.: DE-AC06-76RLO 1830  
Filing Date (U.S.): 12/28/98  
DOE Case No.: S-91,312  
Patent Rights Clause No.: I-90

The Contractor, having the right to retain title to subject inventions as a result of Public Law 96-517, has reported the above-identified invention as a subject invention to DOE with its election to retain title thereto.

Accordingly, this document is confirmatory of the nonexclusive, nontransferable, irrevocable, paid-up license to practice or to have practiced for or on behalf of the United States, required by the Public Law and the above-identified contract, in this invention and of all other rights acquired by the Government by the above-identified patent rights clause, a copy of which is attached hereto and incorporated by reference herein. The undersigned certifies the attached copy to be a true copy of said clause. It is understood and agreed that this license does not preclude the Government from asserting rights under the provisions of said contract or of any other agreement between the Government and the Contractor, or from asserting any other rights of the Government with respect to the above-identified invention.

The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application.

Signed this 19<sup>th</sup> day of Jan, 1999.

BATTELLE MEMORIAL INSTITUTE, PACIFIC NORTHWEST DIVISON  
(Contractor)

By: Stephen R. May  
Stephen R. May, Contracting Officer

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(Business Address)