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 FORM PTO-1619B Expires 06/30/99 OMB 0551-0027	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT
prrespondent Name and Address	Area Code and Telephone Number	202-586-2810
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PATENT REEL: 014250 FRAME: 0178

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Title:	MICROCOMPONENT ASSEMBLY F MK Drost, RS Wegeng, M Friedrich,	WT Hanna, CJ Call, DE Kur	
Serial No.:	09/096,147 Battelle Memorial Institute, PNNL	Filing Date (U.S.): DOE Case No.:	Q
DOE Contract No.:	DE-AC06-76RLO 1830	Patent Rights Clause No .:	1-90

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 <u>241</u> day of <u>August</u>, <u>1998</u>.

BATTELLE MEMORIAL INSTITUTE, PACIFIC NORTHWEST NATIONAL LABORATORY (Contractor)

Stephen R. May. Contracting Officer By:

P.O. Box 999, Richland, Washington 99352_ (Business Address)

> PATENT REEL: 014250 FRAME: 0179

RECORDED: 01/12/2004