

PATENT ASSIGNMENT

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NATURE OF CONVEYANCE:	EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE
CONVEYING PARTY DATA	
Name	Execution Date
University of Iowa	11/05/2003
RECEIVING PARTY DATA	
Name:	National Science Foundation
Street Address:	4201 Wilson Blvd
Internal Address:	Room 1265
City:	Arlington
State/Country:	VIRGINIA
Postal Code:	22230
PROPERTY NUMBERS Total: 1	
Property Type	Number
Patent Number:	6624490
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PATENT
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License to the United States Government

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Invention Title: Unipolar Spin Diode and Transistor

Inventor(s): Michael E Flatte, Giovanni Vignale

U.S. Filing/Issue Date: 09/23/03

Patent or Application Serial No.: 6624490 B2

Grant/Contract Number(s): ECS00556

Foreign Applications filed/intended in (countries): _____

The invention identified above is a Subject Invention under **35 U.S.C. 200, et seq.**, and the Standard Patent Rights clause at **37 CFR 401.14, FAR 52.227-11 or FAR 52.227-12** (if applicable) which are included among the terms of the above identified grant or contract award from the United State Government. This document is confirmatory of:

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

Signed this

5

day of

NOVEMBER, 2003

By

W. Bruce Wheaton

(Name of Grantee/Contractor Official)

[Signature]

(Signature)

Title

Executive Director and Secretary

For UNIVERSITY OF IOWA

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RECORDED: 05/26/2010

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