Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
The Regents of the University of California	06/23/2008

RECEIVING PARTY DATA

Name:	Lawrence Livermore National Security LLC	
Street Address:	Lawrence Livermore National Laboratory	
Internal Address:	7000 East Avenue, L-703	
City:	Livermore	
State/Country:	CALIFORNIA	
Postal Code:	94551-9234	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12118418

CORRESPONDENCE DATA

Fax Number: (650)938-5200

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 415.875.2405

Email: cullsperger@fenwick.com

Correspondent Name: Chris Ullsperger
Address Line 1: Fenwick & West LLP

Address Line 2: 555 California Street, 12th Floor
Address Line 4: San Francisco, CALIFORNIA 94104

ATTORNEY DOCKET NUMBER: 26303-15627

NAME OF SUBMITTER: Chris Ullsperger

Total Attachments: 25

source=15627 US - Assignment (from The Regents of UOC to LLNL) - 2008-06-23#page1.tif

source=15627 US - Assignment (from The Regents of UOC to LLNL) - 2008-06-23#page2.tif

PATENT

12118418

CH \$40.00

501066440 REEL: 023790 FRAME: 0864

source=15627 US - Assignment (from The Regents of UOC to LLNL) - 2008-06-23#page3.tif source=15627 US - Assignment (from The Regents of UOC to LLNL) - 2008-06-23#page4.tif source=15627 US - Assignment (from The Regents of UOC to LLNL) - 2008-06-23#page5.tif source=15627 US - Assignment (from The Regents of UOC to LLNL) - 2008-06-23#page6.tif source=15627 US - Assignment (from The Regents of UOC to LLNL) - 2008-06-23#page7.tif source=15627 US - Assignment (from The Regents of UOC to LLNL) - 2008-06-23#page8.tif source=15627 US - Assignment (from The Regents of UOC to LLNL) - 2008-06-23#page9.tif source=15627 US - Assignment (from The Regents of UOC to LLNL) - 2008-06-23#page10.tif source=15627 US - Assignment (from The Regents of UOC to LLNL) - 2008-06-23#page11.tif source=15627 US - Assignment (from The Regents of UOC to LLNL) - 2008-06-23#page12.tif source=15627 US - Assignment (from The Regents of UOC to LLNL) - 2008-06-23#page13.tif source=15627 US - Assignment (from The Regents of UOC to LLNL) - 2008-06-23#page14.tif source=15627 US - Assignment (from The Regents of UOC to LLNL) - 2008-06-23#page15.tif source=15627 US - Assignment (from The Regents of UOC to LLNL) - 2008-06-23#page16.tif source=15627 US - Assignment (from The Regents of UOC to LLNL) - 2008-06-23#page17.tif source=15627 US - Assignment (from The Regents of UOC to LLNL) - 2008-06-23#page18.tif source=15627 US - Assignment (from The Regents of UOC to LLNL) - 2008-06-23#page19.tif source=15627 US - Assignment (from The Regents of UOC to LLNL) - 2008-06-23#page20.tif source=15627 US - Assignment (from The Regents of UOC to LLNL) - 2008-06-23#page21.tif source=15627 US - Assignment (from The Regents of UOC to LLNL) - 2008-06-23#page22.tif source=15627 US - Assignment (from The Regents of UOC to LLNL) - 2008-06-23#page23.tif source=15627 US - Assignment (from The Regents of UOC to LLNL) - 2008-06-23#page24.tif source=15627 US - Assignment (from The Regents of UOC to LLNL) - 2008-06-23#page25.tif

> PATENT REEL: 023790 FRAME: 0865

NO. 179 P. 5

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),

The Regents of the University of California, a California Corporation, having its statewide administrative offices located 1111 Franklin Street, 5th Floor, Oakland, CA 94607-5200,

hereby sells, assigns and transfers to ASSIGNEE,

Lawrence Livermore National Security, LLC, located at Lawrence Livermore National Laboratory, 7000 East Avenue, L-703, Livermore, CA 94551-9234, and the successors, assigns and legal representatives of the ASSIGNEE.

all of its right, title and interest in certain U.S. patents arising under Contract W-7405-ENG-48, which are identified by U.S. Patent Number on the attached list (entified "Patent Properties").

Executed in Oakland, California this 23rd day of June. 2008.

The Regents of the University of California

Signature

Name: William T. Tucker

Title: Executive Director, Research Adminis nation and Techology Transfer

assign_doc

PATENT REEL: 021217 FRAME: 0074 REEL: 023790 FRAME: 0866