S-112, 961 U.S. DEPARTMENT OF COMMERCE

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Name: Brenda K. Banks Internal Address: GC-62 6F-067 U.S. Department of Energy Street Address: 1000 Independence Avenue, S.W.	7. Total fee (37 CFR 1.21(h) & 3.41) \$ Authorized to be charged to deposit account Enclosed None required (government interest not affecting title)
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> **PATENT REEL: 022605 FRAME: 0504**

Rev. 11/02/2006

12/4/6, 835 DOE Docket No. S-112.961

CONFIRMATORY LICENSE

Application for :

Hydrogen Production Using Ammonia Borane

Inventor(s)

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Serial No. Filing Date

12/416,835 4/01/2009

U.S. Patent

Issue Date

Contract No.

DE-AC52-06NA25396

Contractor

LOS ALAMOS NATIONAL SECURITY

The invention identified above is a "Subject Invention" under the above-numbered contract. A copy of the provisions of the above-numbered contract effective June 1, 2006, governing patent rights in the Subject Invention has been submitted to the U.S. Department of Energy.

The contractor hereby confirms that under the provisions of the above-numbered contract governing patent rights, it has granted to the Government a nonexclusive, nontransferable, irrevocable, paid-up license to practice or have practiced for or on behalf of the United States the Subject Invention throughout the world. This license applies to the invention in the above-identified patent application and any and all divisions or continuations thereof and any resulting patent or reissue patent which may be granted thereon.

It is understood and agreed that this document does not preclude the Government from asserting rights under the provisions of said contract or any other agreement between the Government and the Contractor, or any other rights of the Government with respect to the above-identified invention.

The Contract hereby grants the Government an irrevocable power to inspect and make copies of the above-Identified application.

Signed April (3, 2009)

LOS ALAMOS NATIONAL SECURITY

IP Practice Group Leader

PATENT **REEL: 022605 FRAME: 0505**

RECORDED: 04/27/2009