

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Reid F. Lowell	03/11/2009
Kenneth W. Brown	03/11/2009
A-Lan V. Reynolds	03/06/2009
Alan A. Rattray	03/11/2009

RECEIVING PARTY DATA

Name:	Raytheon Company
Street Address:	P.O. Box 902
City:	El Segundo
State/Country:	CALIFORNIA
Postal Code:	90245

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12405142

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:

R009-P07250US

NAME OF SUBMITTER:

Nicole M. Abeloe

Total Attachments: 5

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PATENT

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## ASSIGNMENT

Names of Inventors: **(1) Reid F. Lowell, (2) Kenneth W. Brown,  
(3) A-Lan V. Reynolds, (4) Alan A. Rattray**

Name of Assignee: **Raytheon Company**

State of Incorporation of Assignee: **Delaware**

Title of Application: **Integrated Replaceable Energy Storage and Coolant  
Module**

Application No.: \_\_\_\_\_ Date of Filing of Application: \_\_\_\_\_

1. In consideration of the sum of \$1.00 and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned agree to sell, assign and transfer and do hereby sell, assign and transfer to the above-named Assignee, its successors and assigns, the entire and exclusive right, title and interest in and to the inventions claimed and described in the above-identified patent application in the United States and throughout the world, and in and to any applications for patent and patents which may be granted and issued thereon in any and all countries, and in and to any continuations, divisions, reissues and extensions of said applications and patents and all priority rights associated therewith. The undersigned agree to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.
2. Without cost to the undersigned, the undersigned agree to perform all affirmative acts which may be necessary to obtain a grant of original, reissue or reexamined patents on the invention. The undersigned agree to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate in every way possible in obtaining evidence and going forward with such interference.
3. The undersigned agree to execute all papers and documents and to perform any act necessary in connection with provisions of any and all international treaties regarding patents and industrial property.
4. The undersigned hereby authorize and request the Commissioner of Patents to issue any and all United States Patents resulting from the above referenced patent application and any continuations or divisions thereof to the Assignee, as Assignee of the entire interest.
5. The undersigned hereby covenant to having full right to convey the entire interest herein assigned. The undersigned hereby represent and warrant that no other assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment. This assignment stands on its own.

Signature of Inventor 1:

Reid F. Lowell

Date:

3/11/08

State of

California

County of

San Bernardino

On

11 Mar 2009

(date)

before me,

R. Askanase

(Notary Public)

personally appeared **Reid F. Lowell**, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

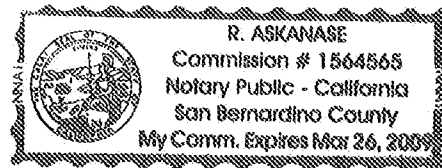
I certify under PENALTY OF PERJURY under the laws of the State of

California

that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

R. Askanase



Signature of Inventor 2: [Signature] Date: 3/11/09

State of California

County of San Bernardino

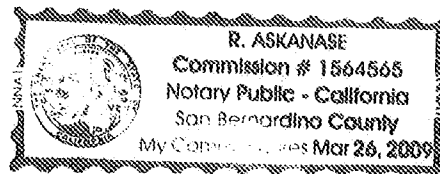
On 11 Mar 2009 before me, R. Askanase  
(date) (Notary Public)

personally appeared **Kenneth W. Brown**, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

R. Askanase



Signature of Inventor 3: *A-Lan V. Reynolds* Date: March 6, 2009

State of ARIZONA

County of PIMA

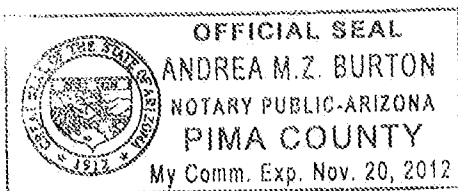
On MARCH 6, 2009 before me, ANDREA M. Z. BURTON  
(date) (Notary Public)

personally appeared **A-Lan V. Reynolds**, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of ARIZONA that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

*Andrea M. Z. Burton*



Signature of Inventor 4: Alan Rattray

Date: 3-11-2009

State of California

County of San Bernardino

On 11 May 2009 before me, R. ASKANASE  
(date) (Notary Public)

personally appeared **Alan A. Rattray**, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of CALIFORNIA that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

R. Askanase

