

FORM PTO-1619A
Expires 06/30/99
OMB 0651-0027

U.S. Department of Commerce
Patent and Trademark Office
PATENT

S.105,742

RECORDATION FORM COVER SHEET PATENTS ONLY

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New

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Document ID# _____

Correction of PTO Error
Reel # _____ Frame # _____

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Conveyance Type

Assignment Security Agreement

License Change of Name

Merger Other _____

U.S. Government
(For Use ONLY by U.S. Government Agencies)

Departmental File Secret File

Conveying Party(ies)

Mark if additional names of conveying parties attached

Name (line 1)	Execution Date		
	Month	Day	Year
HOSKINSON, Reed L.	09	27	2006
Name (line 2)			
Second Party			
Name (line 1)	Execution Date		
KENNY, Kevin L.	Month	Day	Year
	09	27	2006
Name (line 2)			

Receiving Party

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If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 1) United States Department of Energy

Name (line 2) _____

Address (line 1) GC-62, MS 6F-067 (FORSTL)

Address (line 2) 1000 Independence Avenue, S.W.

Address (line 3) Washington D.C. 20585-0162

City State/Country Zip Code

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name _____

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Address (line 3) _____

Address (line 4) _____

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P.O. Box 1450, Alexandria, VA 22313-1450

PATENT

FORM PTO-1619B
Expires 06/30/09
OMB 0951-0027

U.S. Department of Commerce
Patent and Trademark Office
PATENT

Correspondent Name and Address

Area Code and Telephone Number

Name

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Address (line 2)

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Pages

Enter the total number of pages of the attached conveyance document including any attachments.

#

Application Number(s) or Patent Number(s)

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

<input type="text" value="11/537007"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

If this document is being filed together with a new Patent Application, enter the date the patent application was filed.

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT <input type="text"/>	PCT <input type="text"/>	PCT <input type="text"/>
PCT <input type="text"/>	PCT <input type="text"/>	PCT <input type="text"/>

Number of Properties

Enter the total number of properties involved.

#

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$

Method of Payment: Enclosed Deposit Account

Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the Deposit Account Number:

#

Authorization to charge additional fees: Yes No

Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Katherine Baldwin

Katherine Baldwin

5-30-07

Name of Person Signing

Signature

Date

RECORDATION FORM COVER SHEET CONTINUATION PATENTS ONLY

FORM PTO-1619C
Expires 06/30/99
OMB 0651-0027

U.S. Department of Commerce
Patent and Trademark Office
PATENT

Conveying Party(ies)

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Enter additional Conveying Parties

Name (line 1) PERRENOUD, Ben C.

Execution Date
Month Day Year
09/27/2006

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Name (line 1)

Name (line 2)

Receiving Party

Mark if additional names of receiving parties attached

Name (line 1)

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

Name (line 1)

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

Application Number(s) or Patent Number(s)

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

11/537007

PATENT

REEL: 019358 FRAME: 0306

Joint

**U.S. Department of Energy
PATENT ASSIGNMENT FORM**

11/537,007

WHEREAS, we, Reed L. Hoskinson, Kevin L. Kenney and Ben C. Perrenoud
citizens of the United States residing
in Rigby, County of Jefferson, State of Id ;
in Idaho Falls, County of Bonneville, State of ID ;
in Rigby, County of Jefferson, State of ID ;
have invented certain new and useful improvements in COMPLEX PENDULUM BIOMASS
SENSOR, for which we are about to file an application for United States
Letters Patent, identified as S-105,742 and executed by us on the 27 day of
Sept 2006 ; and on the 27 day of Sept 2006 ; and on
the 27 day of Sept 2006 ;

WHEREAS, the Government of the United States desires to acquire the entire
right, title, and interest in and to said invention and in and to any Letters Patent
wherever they may be issued thereon;

NOW, THEREFORE, to all whom it may concern, be it known that for and in
consideration of the sum of One Dollar to us in hand paid by the Government of the
United States, and for other good and valuable consideration, the receipt of which
is hereby acknowledged, we by these presents do sell, assign, and transfer unto the
said Government of the United States, as represented by the United States Department
of Energy, and/or its assigns, the entire right, title, and interest in and to the
said invention and in and to any and all Letters Patent wherever they may be granted
thereon as well as reissues and extensions of said Letters Patent are or may be
granted, reissued, or extended, as fully and entirely as the same would have been
held or enjoyed by us had this assignment not been made.

We agree to make, execute, and deliver unto the Government of the United
States, or to the United States Department of Energy, any and all papers, documents,
affidavits, renewal, divisional and reissue applications, statements, or other
instruments in such usual or other forms, terms and contents as may be required by
the United States Department of Energy, or its duly authorized representative, in or
incident to the prosecution or conduct of any and all applications, before as well
as after the issuance of any Letters thereon, or in the adjustment or settlement of
any interferences or other actions or proceedings that said applications may
encounter or in which they may become involved and we agree that we will encounter
or in which they may become involved and we agree that we will aid the Government of
the United States in every way in protecting the inventions as may be requested by
the United States Department of Energy or its assigns, except that any expenses
arising through extending such assistance will be paid for by proper arrangement
with the Government of the United States.

**PATENT
REEL: 019358 FRAME: 0307**

WITNESS: Jamira Lopez
(SEAL) Jamira Lopez

INVENTORS:
Reed Hakami
Date 9/27/06

WITNESS: Jamira Lopez
(SEAL) Jamira Lopez

INVENTORS:
K. L. Ky
Date 9/27/06

WITNESS: Jamira Lopez
(SEAL) Jamira Lopez

INVENTORS:
Ben C. Leverand
Date 9/27/06

Approved and consented to this 27 day of September, 2006.

ATTEST:

(SEAL)

Mark D. Olsen
By Mark D. Olsen
Its Secretary

Accepted for the Benefit of the Government of the United States.

UNITED STATES DEPARTMENT OF ENERGY

WITNESS:
Kathleen Baldwin

By P. C. [Signature]
Assistant General Counsel for Patents