

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4059528

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SEAN R KIRKPATRICK	06/04/2015
ALLEN R KIRKPATRICK	06/04/2015
MICHAEL J WALSH	06/04/2015
RICHARD C SVRLUGA	06/04/2015
RECEIVING PARTY DATA	
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State/Country:	MASSACHUSETTS
Postal Code:	01821
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14571533
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ATTORNEY DOCKET NUMBER:	31198 169D
NAME OF SUBMITTER:	JERRY COHEN
SIGNATURE:	/Jerry Cohen/
DATE SIGNED:	09/20/2016
Total Attachments: 2	
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ASSIGNMENT

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged (we) the undersigned

Sean R. Kirkpatrick, Allen R. Kirkpatrick, Michael J. Walsh and Richard C. Svrluga

hereby sell, assign and transfer to Exogenesis Corporation having a place of business at 20 Fortune Drive, Billerica, MA 01821, its successors, assigns and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to any and all inventions which are disclosed in the application for United States Letters Patent Serial No. 14/571,533 filed 16 December 2014 and entitled:

METHOD AND APPARATUS FOR NEUTRAL BEAM PROCESSING BASED ON GAS CLUSTER ION BEAM TECHNOLOGY

and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of the said inventions; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority.

Agree that said Assignee may apply for and receive Letters Patent for said inventions in its own name; and when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, agree to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions; execute all rightful oaths, assignments, power of attorney and other papers, communicate to said Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to said inventions and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and all

applications for patents and all patents on said inventions, in said Assignee, its successors, assigns and legal representatives; and

Hereby request the Honorable Commissioner of Patents to issue said Letters Patent to said Assignee; and,

Covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned and that full right to convey the same as herein expressed is possess by the undersigned.

Dated: 6/4/15

[Signature]
Sean R. Kirkpatrick

Dated: 6/4/15

[Signature]
Allen R. Kirkpatrick

Dated: 6/4/15

[Signature]
Michael J. Walsh

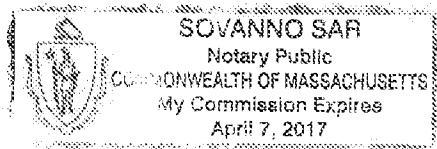
Dated: 6/4/2015

[Signature]
Richard C. Svrluga

COMMONWEALTH OF MASSACHUSETTS

COUNTY OF Worcester : ss.

Subscribed to and sworn before me this 4 day of June, 2015.



(SEAL)

[Signature]
Notary Public

4833-2066-5890.1