501934877 05/25/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------|----------------|
| Kenzo SASAI | 03/26/2012 |

RECEIVING PARTY DATA

| Name: | SUMITOMO HEAVY INDUSTRIES, LTD. | | |
|-----------------|----------------------------------|--|--|
| Street Address: | 1-1, Osaki 2-chome, Shinagawa-ku | | |
| City: | Tokyo | | |
| State/Country: | JAPAN | | |
| Postal Code: | 141-6025 | | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 13415459 |

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 063594.00038

NAME OF SUBMITTER: Majid S. AlBassam

Total Attachments: 1

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PAIENI

501934877 REEL: 028272 FRAME: 0987

ASSIGNMENT

Whereas, I/we,

Name

RECORDED: 05/25/2012

Address

c/o Ehime Works of SUMITOMO HEAVY INDUSTRIES, LTD.,

| 1) Kenzo SASAI | 5-2, Sobirakicho, Niihama-shi, Ehime 792-8588 Japan |
|----------------|--|
| | |

hereinafter called assignor(s), have invented certain improvements in

CHARGED PARTICLE BEAM IRRADIATION SYSTEM AND NEUTRON BEAM IRRADIATION SYSTEM

| | | or Letters Pa | atent of the United | States of Ameri | ica therefor on even date h | nerewith unles |
|---------------------|----------|---------------|---------------------|-----------------|-----------------------------|----------------|
| otherwise indicated | below: | March | 8.2012 | Carial Na | 13/415459 | |
| Whereas | nied on | 1140011 | | , Serial No. | 13/ 1.3 / 3 / | ; and |
| SUMITOMO | HEAVY II | | S, LTD. | | | |
| | | | 41-6025 Japan | | | |

(assignee), desires to acquire the entire right, title and interest in the application and invention, and to any United States patents to be obtained therefor;

NOW THEREFORE, be it known that, for good and valuable consideration from assignee, the receipt of which is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

| | <u>INVENTORS</u> | 1 | | DATE SIGNED |
|-------|------------------|-----------|-------|---------------|
| 1): | | Kenzo | 59597 | 26 March 2012 |
| Name: | | Kenzo SAG | 2 A I | |

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. § 261)