FORM PTO-1595 (Rev. 6-93)

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To the Commissioner of Patents and Trademarks: Please record the attached of	Typial documents or conv thereof
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):
Graham ROSE Frédéric STICHELBAUT Olivier GREGOIRE (April 14, 2004) (March 3, 2004) (March 3, 2004)	Ion Beam Applications S.A. Chemin du Cyclotron, 3 B-1348 Louvain-La-Neuve BELGIUM
Additional name(s) of conveying party(ies) attached? Yes No	Additional name(s) & address(es) attached? ☐ Yes ☒ No
3. Nature of conveyance: Assignment Merger Security Agreement Change of Name Other: Execution Date: Please See Above	
4 Application was bar(a)	
 4. Application number(s) or patent number(s): If this document is being filed together with a new a A. Patent Application No.(s) 10/491563 	application, the execution date of the application is: B. Patent No.(s)
5. Name and address of party to whom correspondent document should be mailed: Name: Gregory A. Sebald Address: Merchant & Gould P.C. P. O. Box 2903 Minneapolis, MN 55402	e concerning 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41): \$40.00 Enclosed Authorized to be charged to deposit account 8. Please charge any additional fees or credit any overpayments to our Deposit account number: 13-2725
Statement and signature:	DO NOT USE THIS SPACE
Gregory A. Sebald (33,280) Name of Person Signing	Signature Signature Total number of pages including attachments and document: 5
25/2005 DRYRME 00000035 10491563 \	Do not detach this portion
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PATENT REEL: 017122 FRAME: 0583

ASSIGNMENT

- (1-6) Insert Name(s) of Inventors + address
- (1) ROSE, Graham 8 Vermont Avenue, Nepean, Ontario KG-6J6 / CANADA
- (2) VANDER DONCKT, Muriel Rue Malibran 64 B-1050 Brussels / BELGIUM
- (3) STICHELBAUT, Frédéric Rue du Moulin 7 B-1457 Walhain / BELGIUM
- (4) GREGOIRE, Olivier
 Voie des Gaumais 2/411
 B-1348 Louvaîn-la-Neuve / BELGIUM

and

In consideration of the sum of one dollar (\$1.00), and other good and valuable considerations paid to each of the undersigned, the receipt and sufficiency of which are hereby acknowledged, the undersigned agree(s) to sell, assign, transfer and set over to

- (7) Insert Name of Assignee
- (7) ION BEAM APPLICATIONS S.A.
- (8) Insert Address of Assignee
- of Chemin du Cyclotron, 3 B-1348 LOUVAIN-LA-NEUVE
- (9) Insert <u>Legal Entity</u> and <u>State or</u> <u>Country</u> (e.g., a corporation or citizen of Japan)
- (9) a corporation

(8)

of BELGIUM

(herein after designated as the Assignee), its successors and legal representatives the entire right, title and interest for the United States, its territories, dependencies and possessions and in any and all foreign countries, in the invention known as

- (10) Insert <u>Identification</u> of Invention, such as Title, Case Number or Foreign Application Number
- (10) PROCESS AND APPARATUS FOR IRRADIATING PRODUCT PALLETS

for which the undersigned has (have) executed an application for patent in the United States of America and/or in any other country to the full end of the term for which said patent may be granted

- (11) Insert <u>Date</u> of Signing of Application, or filing date and Serial No., if known
- (11) Said application having been executed/filed on ... (and assigned Serial No. ...)
- 1) The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee, its successors and legal representatives may deem necessary or expedient.
- 2) The undersigned agree(s) to execute all papers necessary in connection with any Interference which may be declared concerning this application or any continuing or divisional applications thereof and to cooperate with the Assignee, its successors and legal representatives in every way possible in obtaining evidence and going forward with such interference.
- 3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Union for Protection of Industrial Property or similar agreements.
- 4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent and/or a grant of a valid patent in any other country, to the Assignee, its successors and legal representatives.

PATENT REEL: 017122 FRAME: 0584

- The undersigned hereby authorise(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patents of the United States resulting from this application or any continuing or divisional applications thereof to the said Assignee, its successors and legal representatives, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.
- The undersigned agree(s) to communicate to the said Assignee, its successors and legal representatives any facts known to him (them) respecting the invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, refssue and foreign applications, make all rightful caths and generally do everything possible to aid the said Assignee, its successors and legal representatives to obtain and enforce proper patent protection for said invention in any country. AT THE ASSIGNEES EXPENSE.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

14 2004 Name of Inventor ROSE, Graham

Date

Name of Inventor

VANDER DONCKT, Muriel

(SIGNATURE)

Date

Name of Inventor

STICHELBAUT, Frédéric

(SIGNATURE)

Date

Name of Inventor GREGOIRE, Olivier

(SIGNATURE)

This assignment should preferably be signed before a United States Consul if signed abroad, or a Notary Public if domestically signed. If not, then the execution by the inventor(s) should be witnessed by at least two witnesses who sign

Williage

Additional Inventor's names and signatures on a separate sheet

PATENT

REEL: 017122 FRAME: 0585

- The undersigned hereby authorise(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patents of the United States resulting from this application or any continuing or divisional applications thereof to the said Assignee, its successors and legal representatives, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.
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In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date Name of Inventor (SIGNATURE) ROSE, Graham Date Name of Inventor (SIGNATURE) VANDER DONCKT, Muriel Date Name of Inventor 13/04 STICHELBAUT, Frédéric Date Name of Inventor (SIGNATURE) **GREGOIRE**, Olivier

This assignment should preferably be signed before a United States Consul if signed abroad, or a Notary Public if domestically signed. If not, then the execution by the inventor(s) should be witnessed by at least two witnesses who sign here:

OFFICE VAN MALDEREN

Witness

Joelle VAN MALDEREN (1003) OFFICE VAN MALDEREN

Witness

Additional inventor's names and signatures on a separate sheet

PATENT

REEL: 017122 FRAME: 0586

(SIGNATURE)

- The undersigned hereby authorise(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patents of the United States resulting from this application or any continuing or divisional applications thereof to the said Assignee, its successors and legal representatives, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.
- The undersigned agree(s) to communicate to the said Assignee, its successors and legal representatives any facts known to him (them) respecting the invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths and generally do everything possible to aid the said Assignee, its successors and legal representatives to obtain and enforce proper patent protection for said invention in any country.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Name of Inventor

ROSE, Graham Date Name of Inventor (SIGNATURE) VANDER DONCKT, Muriel Date Name of Inventor (SIGNATURE) STICHELBAUT, Frédéric Name of Inventor 03/03/04 (SIGNATURE) **GREGOIRE**, Olivier

This assignment should preferably be signed before a United States Consul if signed abroad, or a Notary Public if domestically signed. If not, then the execution by the inventor(s) should be witnessed by at least two witnesses who sign here: OFFICE VAN MALDEREN

Witness

Date

Witness

Additional Fife VAN MALDEREN (1004)

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RECORDED: 10/24/2005

PATENT

REEL: 017122 FRAME: 0587