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To the Honorable Commissioner	or Paterils 00748613	attached original document or cop	y thereof.
L. Name of conveying party(i Gregory C. Eiden, Charl and David W. Koppenaal Additional name(s) of conveying party(ies) att	les J. Barinaga, 6-16`98 ached? □Yes ≰No	2. Name and Address of receivir Name: <u>Battelle Memorial Instit</u> Internal Address: <u>K1-53</u> <u>P.O. Box 999</u> <u>Intellectual Property Sc</u> Street Address: <u>902 Battelle E</u>	cute K
		Intellectual Property Se City: <u>Richland</u> State: <u>WA</u> Additional name(s) & addresses attache	Zip: <u>993</u>
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 Name and address of party correspondence concerning should be mailed: 	/ to whom j document	 Total number of application and patents involved: 	1S L
Name: <u>Paul W. Zimmerman</u> Internal Address: <u>K1-53</u> <u>P.O. Box 999</u> <u>Intellectual Property</u> Street Address: <u>902 Batte</u> City: <u>Richland</u> State: <u>W</u>	elle Blvd	 7. Total fee (37 CFR 3.41) □ Enclosed ★ Authorized to be charged to d 8. Deposit account number: #02-1275 (Payor No. 005) (Attach duplicate copy of this page if paying 	eposit accou
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9. Statement and signatures To the best of my knowle any attached copy is a t <u>Paul W. Zimmerman</u> Name of person signing	edge and belief, the true copy of the ori	<u>III. Burnuluuan 98</u> Signature	and corre
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<u>A S S I G N M E N T</u>

Gregory C. Eiden Charles J. Barinaga David W. Koppenaal

to

Battelle Memorial Institute

WHEREAS we, Gregory C. Eiden, of Richland, in the County of Benton, and State of Washington; Charles J. Barinaga, of Richland, in the County of Benton, and State of Washington; and David W. Koppenaal, of Richland, in the County of Benton, and State of Washington, have made certain inventions in AN APPARATUS FOR REDUCTION OF SELECTED ION INTENSITIES IN CONFINED ION BEAMS, for which we are about to make application for Letters Patent of the United States; and

WHEREAS Battelle Memorial Institute, a corporation of Ohio, organized and existing under the laws of the State of Ohio, and having a place of business in the City of Richland, Washington, is desirous of acquiring an interest in the said invention and in any patent or patents to be obtained therefor;

NOW, THEREFORE, To All Whom It May Concern, be it known that, for and in consideration of the sum of One Dollar (\$1.00) each, and other good and valuable considerations, the receipt of which is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto the said Battelle Memorial Institute, the entire right, title, and interest in and to the invention shown, described, or claimed therein, and the full and exclusive right and title to the said application, executed by me on the $\underline{/524}$ day of June, 1998, preparatory to obtaining Letters Patent of the United States therefor; and in and to any extensions, reissues, divisions, or renewals thereof; and we do hereby authorize and request the Commissioner of Patents or other proper Officer, to issue such Letters Patent, or any of them, to the said Battelle Memorial Institute, as the assignee of our entire right, title, and interest in and to the same for the sole use and benefit of the said Battelle Memorial Institute, and its successors or assigns.

And we further covenant and agree that we will, at the request and expense of the said Battelle Memorial Institute, execute such other and

PATENT REEL: 9256 FRAME: 0843 further assurances of title as may be necessary or proper to fully convey the interest herein sought to be conveyed; that we will, at the request and expense of the said Battelle Memorial Institute, execute such application papers as may be desired by the said Battelle Memorial Institute, for the filing of any division or renewal of the application herein conveyed, or for reissues or extensions, of any Letters Patent that may be granted upon said application, and will execute such Supplemental Oaths and Preliminary Statements, or other papers as desired by the said Battelle Memorial Institute.

And we further assign unto the said Battelle Memorial Institute, the whole right, title, and interest to the invention disclosed in the application throughout all countries foreign to the United States, and do hereby authorize the said Battelle Memorial Institute to apply for patents therefor in its own name in countries where such procedure is proper and to claim the benefit of the International Convention and do agree to execute applications for the said invention in the several countries where it is necessary that the same be executed by the inventors, and to execute assignments of such applications and the patents to be obtained therefor to the said Battelle Memorial Institute, the assignee herein, as well as all other necessary papers.

IN TESTIMONY WHEREOF I have hereunto set my hand and affixed my seal at Richland, Washington, this 122 day of June, 1998.

Gregofy A. Eiden

IN TESTIMONY WHEREOF I have hereunto set my hand and affixed my seal at Richland, Washington, this 15 day of June, 1998.

Charles Barinage

IN TESTIMONY WHEREOF I have hereunto set my hand and affixed my seal at Richland, Washington, this day of June, 1998.

Avid W: Koppenad

- Page 2 of 2 -

PATENT REEL: 9256 FRAME: 0844

RECORDED: 06/16/1998