02-11-	2002	Attorney Docket No. 420SI/50637
Form PTO-1595 (Rev. 6-93) OMB No. 0651-0011 (exp. 4/94)		U.S DEPARTMENT OF COMMERCE Patent and Trademark Office
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A. Patent Application No.(s)	1	B. Patent No(s).
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- <del></del>	<b>K</b> No	B. Patent No(s).
09/988,818		B. Patent No(s).
09/988,818  Additional numbers attached? Yes  5. Name and address of party to whom correspondence concerning document should be mailed:	6.Total number of 7. Total Fee (37	applications and patents involved: 1_
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Additional numbers attached? Yes  5. Name and address of party to whom correspondence concerning document should be mailed:  Crowell & Moring LLP Intellectual Property Group P.O. Box 14300 Washington, D.C. 20044-4300  DO NOT WO 9. Statement and Signature.  To the best of my knowledge and belief, the foregoing true copy of the original document.  Name: Robert L. Grabarek, Jr. Reg. No. 40, TOTAL NUMBER OF PAGES INCLUDING COV	6.Total number of  7. Total Fee (37  X Enclosed connection with the second state of th	f applications and patents involved: 1

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Attorney Docket No.: 420SI/50637

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For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto:

ASTRIUM GmbH Forschung 81663 München Germany

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## INDUCTIVELY COUPLED HIGH-FREQUENCY ELECTRON SOURCE WITH A REDUCED POWER REQUIREMENT AS A RESULT OF AN ELECTROSTATIC INCLUSION OF ELECTRONS

in any form or embodiment thereof, in the United States and all foreign countries, including applications for patents in all countries through the world and under the Patent Cooperation Treaty and/or the European Patent Convention, as set forth in his/her United States Patent Application

- executed concurrently herewith,
- \_ executed on \_,
- X Serial No. 09/988,818, filed November 20, 2001.

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31.1.2007 (date)

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ASSIGNMENT

Page 2 of 2

Attorney Docket No: 410SI/50637

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