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Execution Date(s) 05/07/2012
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4. Application or patent number(s): This document is being filed together with a new application.
A. Patent Application No. (s)
13/326,970
B. Patent No. (s)

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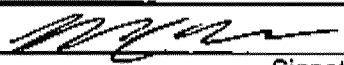
5. Name and address to whom correspondence concerning document should be mailed:
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6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 1.21(h) & 3.41) \$ _____
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Mark C. Lang #55,356 Total number of pages including cover sheet, attachments, and documents: **2**
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5/27/12

Raytheon

CONFIRMATORY INSTRUMENT

Application Title: Method and Apparatus to Monitor a Beam of Ionizing Radiation

Inventor(s): Brandon W. Blackburn; David L. Chichester; Scott M. Watson; James T. Johnson;
Mathew T. Kinlaw

Serial Number: 13/326970
Filing Date: December 15, 2011
Raytheon File No.: 10-0979-US-NP

Prime Contract: DE-AC07-05ID14517
Contractor: **Raytheon Company**

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The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application.

The undersigned confirms that he has been delegated necessary authority to execute this Confirmatory Instrument on behalf of Raytheon Company.

Signed this 7th day of May, 2012.

RAYTHEON COMPANY

By Robert P. Hayter
Robert P. Hayter
Chief Patent Counsel
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