# 503963876 08/17/2016

# PATENT ASSIGNMENT COVER SHEET

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### **CONVEYING PARTY DATA**

Name	Execution Date
VIRGINIA COMMONWEALTH UNIVERSITY	08/01/2016

## **RECEIVING PARTY DATA**

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## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	13294038

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**Total Attachments: 1** source=13294038#page1.tif

PATENT 503963876 REEL: 039708 FRAME: 0379

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Sign and submit the executed document to the appropriate funding agency (e.g. upload in iEdison). Invention Title: A method for artefact free three-dimensional imaging and emplate-based robust segmentation of arbitrarily shped radio-opaque structures in x-ry images acquired at different angles inventor(s): Geoffrey Hugo, Jun Lu, Emily Brackbill, Elisabeth Weiss U.S. Filing/Issue Date: 11/10/2011 Patent or Application Serial No.: 13/294,038 Grant/Contract Number(s): P01 CA116602 Foreign Applications filed/intended in (countries): The invention identified above is a Subject Invention under 35 U.S.C. 200, et seq., and the Standard Patent Rights clause at 37 CFR 401.14, FAR 52.227-11 or FAR 52.227-12 (If applicable) which are included among the terms of the above identified grant or contract award from the United States Government. This document is confirmatory of: 1. The nonexclusive, nontransferable, irrevocable, paid-up license to practice or have practiced for or on behalf of the United States the invention described in any patent application and in any and all divisions, continuations, and continuations in part, and in any and all patents and re-issues granted thereon throughout the world; and 2. All other rights acquired by the Government by reason of the above identified grant/contract award and the laws and regulations that are applicable to the award. The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application. day of AUGUST, 2010 Signed this THE EXECUTIVE DIRECTOR For VIRGINIA COMMONWEALTH UNIVERSITY (Grantee/Contractor Organization)

At 800 E. Leigh St Suite 3000 Virginia Commonwealth University Richmond, VA 23298

PATENT REEL: 039708 FRAME: 0380

**RECORDED: 08/17/2016** 

(Business Address)