

Competitive Advantages

- Application of state-of-the-art DTI to a wider range of tissues.
- Works with multiple diffusion models including DWI.

Development Stage: Early-stage.

Inventor: Peter J. Bassler (NICHD).

Publication: Rohde G, et al.

Comprehensive approach for correction of motion and distortion in diffusion-weighted MRI. *Magn Reson Med.* 2004 Jan;51(1):103–114. [PMID 14705050]

Intellectual Property: HHS Reference No. E-168-2009/0—U.S. Provisional Application No. 61/523,108 filed 12 Aug 2011.

Related Technologies

- HHS Reference No. E-203-1993/0—U.S. Patent No. 5,539,310 issued 23 Jul 1996; PCT Application No. PCT/US94/08842 filed 05 Aug 1994.

- HHS Reference No. E-079-2003/1—U.S. Application No. 12/114,713 filed 02 May 2008.

- HHS Reference No. E-079-2003/0—U.S. Patent No. 7,643,863 issued 05 Jan 2010; PCT Application No. PCT/US2004/22027 filed 08 Jul 2004.

Licensing Contact: John Stansberry, Ph.D.; 301-435-5236; stansbej@mail.nih.gov.

Dated: April 4, 2012.

Richard U. Rodriguez,

Director, Division of Technology Development and Transfer, Office of Technology Transfer, National Institutes of Health.

[FR Doc. 2012-8577 Filed 4-9-12; 8:45 am]

BILLING CODE 4140-01-P

DEPARTMENT OF HEALTH AND HUMAN SERVICES

National Institutes of Health

Prospective Grant of Exclusive License: Method for Segmenting Medical Images and Detecting Surface Anomalies in Anatomical Structures

AGENCY: National Institutes of Health, Public Health Service, HHS.

ACTION: Notice.

SUMMARY: This is notice, in accordance with 35 U.S.C. 209(c)(1) and 37 CFR 404.7(a)(1)(i), that the National Institutes of Health (NIH), Department of Health and Human Services, is contemplating the grant of an exclusive license to practice the inventions embodied in U.S. Patents: 6,246,784 filed August 18, 1998 and issued June 12, 2001; 6,345,112 filed January 19, 2001 and issued February 5, 2002; and 6,556,696 filed February 5, 2002 and issued April 29, 2003; each entitled “Method for segmenting medical images

and detecting surface anomalies in anatomical structures,” by Ronald M. Summers *et al.*, to iCAD, Inc. having a place of business in 98 Spit Brook Road, Suite 100, Nashua, NH 03062 USA. The patent rights in this invention have been assigned to the United States of America.

DATES: Only written comments and/or application for a license that are received by the NIH Office of Technology Transfer on or before May 10, 2012 will be considered.

ADDRESSES: Requests for a copy of the patent application, inquiries, comments and other materials relating to the contemplated license should be directed to: Tedd Fenn, Office of Technology Transfer, National Institutes of Health, 6011 Executive Boulevard, Suite 325, Rockville, MD 20852-3804; Email: Tedd.Fenn@mail.nih.gov; Telephone: 301-435-5031; Facsimile: 301-402-0220.

SUPPLEMENTARY INFORMATION: The invention relates to methods of processing medical image data to extract information about organ structure and reconstruct the anatomical image in a virtual 3D model to detect anomalies. The methods help solve imaging problems such as image “leakage,” which causes distortion, overloads datasets and slows the 3D modeling display. Once the image is assembled, additional processing methods can detect surface anomalies by comparing the curvature characteristics of anatomy to curvature characteristics anomalies. The anomalies in the image can be colorized or otherwise identified in the image to enhance detection. This is helpful to identify harmful features such as precancerous polyps or other anomalies.

The field of use may be limited to “computer aided detection in colonography.”

The prospective worldwide exclusive license will be royalty bearing and will comply with the terms and conditions of 35 U.S.C. 209 and 37 CFR 404.7. The prospective exclusive license may be granted unless, within thirty (30) days from the date of this published Notice, NIH receives written evidence and argument that establishes that the grant of the license would not be consistent with the requirements of 35 U.S.C. 209 and 37 CFR 404.7.

Properly filed competing applications for a license filed in response to this notice will be treated as objections to the contemplated license. Comments and objections submitted in response to this notice will not be made available for public inspection, and, to the extent permitted by law, will not be released

under the Freedom of Information Act, 5 U.S.C. 552.

Dated: April 4, 2012.

Richard U. Rodriguez,

Director, Division of Technology Development & Transfer, Office of Technology Transfer, National Institutes of Health.

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DEPARTMENT OF HOMELAND SECURITY

Federal Emergency Management Agency

[Docket ID FEMA-2011-0039; OMB No. 1660-0124]

Agency Information Collection Activities: Submission for OMB Review; Comment Request, FEMA Preparedness Grants: Emergency Operations Center (EOC) Grant Program

AGENCY: Federal Emergency Management Agency, DHS.

ACTION: Notice.

SUMMARY: The Federal Emergency Management Agency (FEMA) will submit the information collection abstracted below to the Office of Management and Budget for review and clearance in accordance with the requirements of the Paperwork Reduction Act of 1995. The submission will describe the nature of the information collection, the categories of respondents, the estimated burden (i.e., the time, effort and resources used by respondents to respond) and cost, and the actual data collection instruments FEMA will use.

DATES: Comments must be submitted on or before May 10, 2012.

ADDRESSES: Submit written comments on the proposed information collection to the Office of Information and Regulatory Affairs, Office of Management and Budget. Comments should be addressed to the Desk Officer for the Department of Homeland Security, Federal Emergency Management Agency, and sent via electronic mail to oir.submission@omb.eop.gov or faxed to (202) 395-5806.

FOR FURTHER INFORMATION CONTACT:

Requests for additional information or copies of the information collection should be made to Director, Records Management Division, 1800 South Bell Street, Arlington, VA 20598-3005, facsimile number (202) 646-3347, or email address FEMA-Information-Collections-Management@dhs.gov.