



[Billing Code 4140-01-P]

DEPARTMENT OF HEALTH AND HUMAN SERVICES

National Institutes of Health

Government-Owned Inventions; Availability for Licensing

AGENCY: National Institutes of Health, HHS.

ACTION: Notice.

SUMMARY: The inventions listed below are owned by an agency of the U.S.

Government and are available for licensing in the U.S.

FOR FURTHER INFORMATION CONTACT: Licensing information and copies of the patent applications listed below may be obtained by emailing the indicated licensing contact Michael Shmilovich, shmilovm@nih.gov at the National Heart, Lung, and Blood, Office of Technology Transfer and Development Office of Technology Transfer, 31 Center Drive Room 4A29, MSC2479, Bethesda, MD 20892-2479; telephone: 301-402-5579. A signed Confidential Disclosure Agreement may be required to receive copies of the patent applications.

SUPPLEMENTARY INFORMATION: This notice is in accordance with 35 U.S.C. 209 and 37 CFR 404 to achieve commercialization of results of federally-funded research and development. Foreign patent applications are filed on selected inventions to extend market coverage for companies and may also be available for licensing. A description of the technology follows.

Endo-Cameral Closure Device

Description of Technology: Devices and methods for closing a hole in the wall of a cardiovascular structure from the inside using a self-assembling closure device. The

closure device can be delivered to the subject hole from the inside of the cardiovascular chamber using a transcatheter approach. The methods are techniques involve deploying the closure device from the delivery device such that an endo-cameral portion of the closure device self-expands first to cover the hole from the inside, and then extra-cameral arms of the device are released to self-deploy against the outside of the wall by withdrawal of a retaining element, such as a guidewire, to secure the closure device to the wall.

Potential Commercial Applications:

Endovascular interventions

Inventors: Toby Rogers, Merdim Sonmez, Robert Lederman, Ozgur Kocaturk,
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Intellectual Property: HHS Reference No. E-273-2015/0, U.S. Provisional Patent Application 62/236,734 filed October 2, 2015, International Patent Application PCT/US2016/054961 filed September 30, 2016.

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Dated: October 23, 2017.

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[FR Doc. 2017-23863 Filed: 11/1/2017 8:45 am; Publication Date: 11/2/2017]