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Transcatheter Stent Detachment System for Stent or Heart Valve Delivery and Deployment

Tech ID: 23973 / UC Case 2014-472-0

BRIEF DESCRIPTION

An improved and simple stent detachment system for the transcatheter implantation of stents and heart valves.

FULL DESCRIPTION

This system suits any stent system with controlled deployment or repositioning capacity.

The transcatheter stent detachment system developed by researchers at the University of California, Irvine may be used with different repositionable heart valve and stent deployment systems; and the system detaches easily and safely from the stent once the heart valve is successfully implanted.

PATENT STATUS

Country	Type	Number	Dated	Case
United States Of America	Issued Patent	10,617,543	04/14/2020	2014-472

STATE OF DEVELOPMENT

A prototype of this device has been made.

TESTING

The prototype has been tested in sheep.

CONTACT

Alvin Viray
aviray@uci.edu
tel: 949-824-3104.



OTHER INFORMATION

KEYWORDS

Heart, Valve, Stent, Transcatheter

CATEGORIZED AS

- » **Medical**
- » Devices
- » Disease: Cardiovascular and Circulatory System

RELATED CASES

2014-472-0

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5270 California Avenue / Irvine, CA
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