Porm PTO-1595 (Rev. 03-11) DMB No. 0651-0027 (exp. 03/31/2015)	U.S. DEPARTMENT OF COMMERC United States Patent and Trademark Office
RECORDATION FOR PATENTS	
To the Director of the U.S. Patent and Trademark Office: Please	
Name of conveying party(les): Catherine A. Pipenhagen	2. Name and address of receiving party(les)
Cattlerine A. Piperinagen	Name: St. Jude Medical, Inc
	Internal Address:
Additional name(s) of conveying party(les) attached? Yes X No	Street Address:
3. Nature of conveyance/Execution Date(s):	
Execution Date(s): February 22, 2013	One St. Jude Medical Drive
x Assignment Merger Change of Name	
Security Agreement Joint Research Agreement	Olke St Paul
	City: St. Paul
Government Interest Assignment	State: Minnesota
Executive Order 9424, Confirmatory License	Country: United States of America Zip: 55117
Other	Additional name(s) & address(es) Yes X No attached?
4. Application or patent number(s):	This document is being filed together with a new application.
Patent Application No.(s) B. Patent No.(s)	
13/703,978	
Additional numbers attached	? Yes XNo
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: Robert B. Cohen	
LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
· ·	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
Internal Address: Atty. Dkt.: STJUDE 3.3-111 Street Address: 600 South Avenue West	
San San Mariae Meet	Authorized to be charged to deposit account
	Enclosed
	None required (government interest not affecting title
City: Westfield	8. Payment information
State: NJ Zip: 07090	
Phone Number: 908-654-5000	
Fax Number: 908-654-7866	Deposit Account Number 12-1095
Email Address:mcormier@ldlkm.com	Authorized User Name Robert B. Cohen
9. Signature:	June 20, 2013
Signature	Date
Robert B. Cohen - 32,768	Total number of pages including cover sheet, attachments, and documents:
Name of Person Signing	enesi, paparanging, gny yygynging.

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PATENT REEL: 030676 FRAME: 0475

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	Docket Number (Optional)
ASSIGNMENT OF UTILITY APPLICATION	STJUDE 8,3-111
Whereas, I, Catherine A. Pipenhagen	of
6591 Foxtail Court; Chanhassen, Minnesota 55317	
hereafter referred to as assignor, have invented certain new and useful COLLAPSIBLE HEART VALVE WITH ANGLED FRAME	i Improvements in
X for which an application for a United States Letters Patent was Application Number 13/703,978	filed on December 13, 2012
for which an application for a United States Letters Patent was a and	xxxxxxxx , ,
Whereas, St. Jude Medical, Inc.	
e corporation of <u>Minneauta</u> herein referred to as "assignee" whose mails One St. Jude Medical Drive; St. Paul, Minnesota 55117	ng address is
is desirous of acquiring the entire right, title end interest in the same;	,
NOW, THEREFORE, in consideration of the sum of	

PATENT

REEL: 030676 FRAME: 0476