Office of Management and Budget, Paperwork Reduction Project, (0651-0011), Washington, D.C. 20503

PATENT REEL: 9645 FRAME: 0365

A S S I G N M E N T

WHEREAS, we, WILLIAM N. ALDRICH, a citizen of the United States residing at 27673
Lupine Road, Los Altos Hills, California 94022, MICHAEL V. MOREJOHN, a citizen of the
United States residing at 2207 Willester Avenue, San Jose, CA 95124, RICHARD A.

HELKOWSKI, a citizen of the United States residing at 20380 Stevens Creed Boulevard, #307,
Cupertino, California 95014, and IVAN SEPETKA, a citizen of the United States residing at 346
Costello Court, Los Altos, California 94024, (hereinafter referred to as "ASSIGNORS"), and has
invented and own a certain invention entitled INSTRUMENTS AND METHODS EMPLOYING
THERMAL ENERGY FOR THE REPAIR AND REPLACEMENT OF CARDIAC VALVES
for which application for Letters Patent of the United States of America has been executed on
September 25, 1998 as U.S. Patent Application Serial No. 09/161,079; and

WHEREAS, CARDIOTHORACIC SYSTEMS, INC., a corporation organized and existing under and by virtue of the laws of the State of California and having its principal place of business at 10600 North Tantau Avenue, Cupertino, California 94014-0739 (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the exclusive right, title and interest in, to and under said invention and in, to and under any Patent or similar legal protection to be obtained therefor in the United States of America, its territorial possessions and in any and all countries foreign thereto.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sells, assigns, transfers and sets over unto the said ASSIGNEE, its successors and assigns, the full and exclusive right, title and interest to said invention and to all Letters Patent or application or similar legal protection, not only in the United States and its territorial possessions, but in all countries foreign thereto to be obtained for said invention by said

OC-1184.1

PATENT REEL: 9645 FRAME: 0366 application, and to any continuation, division, renewal, substitute or reissue thereof or any legal equivalent thereof in the United States or a foreign country for the full term or terms for which the same may be granted, including all priority rights under the International Convention; and ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent or any legal equivalent thereof to said ASSIGNEE, its successors and assigns, in accordance with this Assignment.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance have been or will be made or entered into which would conflict with this Agreement;

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNORS and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents in the United States or in any foreign country, which may be necessary or desirable to carry out the purposes thereof.

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PATENT REEL: 9645 FRAME: 0367

WITNESS my hand at 10600 N. 1 ant au Ave. Cypertino, CA,
this day of
William N. Aldrich
STATE OF CALIFORNIA)
COUNTY OF JANA (JANA) SS
On 11/1/98 before me, and R. MCKen, personally appeared William N. Aldrich
personally known to me
- OR -
proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.
WITNESS my hand and official seal. Md. R. M. W.
CANDY R. McKEON Z COMM. # 1186082 Notary Public in and for Said County and State Santa clara county C COMM. EXP. JUNE 6, 2002

WITNESS my hand at 10600 N. Tantau Ave. Cypertino, CA.
this day of
Michael V. Morejohn
STATE OF CALIFORNIA)
COUNTY OF Santa Clara) ss
On 1/1/98 before me, and R. McLeon personally appeared Michael V. morgonn
personally known to me
- OR -
proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.
WITNESS my hand and official seal. CANDY R. McKEON Notary Public in and for
COMMA. # 1186082 COMMA. # 1186082 Said County and State Santa Clark County 2 Santa Clark County 2

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this day of N	<u>OVENTEC</u> , 1998.
	Richard A. Helkowski
STATE OF CALIFORNIA)
Caller) ss) /
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NAAAA	Notary Public in and for / said County and State
CANDY R. MCKEON S COMM. # 1186082 OCCUPANT OF THE PROPERTY OF	

WITNESS my hand at WOODSIDE	, CA		
witness my hand at woodside this // the day of November	_, 1998.		
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STATE OF CALIFORNIA)			
COUNTY OF San Matter) ss			
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- OR -			
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WITNESS my hand and official seal.			
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BETINE LEE	Notary Public in and for		
Comm. # 1130583 NOTARY PUBLIC - CALIFORNIA San Mateo County My Comm. Expires April 7, 2001	said County and State		

RECORDED: 11/18/1998