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Name of party or parties conveying an interest: Alan J. Snyder	2. Name and address of party or parties receiving an interest: Name: The Penn State Research Foundation, a Pennsylvania corporation Address: 304 Old Main City: University Park State: Pennsylvania Zip: 16802
3. Description of the interest conveyed: X Assignment Merger Change of Name Security Agreement Execution Date: April 24, 2000	Other:
4. Application number(s) or patent number(s). Additional sheet attached? YES NO_X A. Patent application no.(s): 09/557,819 filed April 25, 2000	If the document is being filed together with a new application, the execution date of the application is: B. Patent no.(s):
5. Name and address of party to whom correspondence concerning this cover sheet should be mailed: Name: Martin J. Hirsch Reg. No. 32,237 MARSHALL, O'TOOLE, GERSTEIN, MURRAY & BORUN Street Address: 6300 Sears Tower, 233 South Wacker Drive City: Chicago State: Illinois Zip: 60606-6402	6. Number of applications and/or patents identified on this cover sheet: 1 7. Amount of fee enclosed or authorized to be charged: \$ 40.00 8. Any additional required fee may be charged, or any overpayment credited to our deposit account: 13-2855
	the information contained on this cover sheet ue copy of the original document. Mutur J. H.L. Martin J. Hirsch

Total number of pages including cover sheet, attachments, and document: 3

Reg. No. 32,237

ASSIGNMENT

Serial No:

09/557,819

Filed:

April 25, 2000

Title:

ARTIFICIAL HEART WITH ARRHYTHMIA SIGNALLING

For good and valuable consideration, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assigns to The Penn State Research Foundation, a Pennsylvania corporation, 304 Old Main, University Park, Pennsylvania 16802, (hereinafter "Assignee"), its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, executed by the undersigned on _________, and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension thereof.

The undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorizes and requests the attorneys of record in said application to insert in this assignment the execution date and/or filing date and serial number of said application when officially known.

The undersigned warrants himself to be the owner of the interest herein assigned and to have the right to make this assignment and further warrants that there are no outstanding prior assignments, licenses, or other rights in the interest herein assigned.

For said consideration the undersigned hereby agrees, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation, continuation-in-part and substitute applications for said invention or improvements, and any necessary oath or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns, may deem necessary or expedient, and for said consideration the undersigned further agrees upon the request of said assignee, its successors or assigns, in the event of any application or Letters Patent assigned herein becoming involved in Interference, to cooperate to the best of the ability of the undersigned with said assignee, its successors or assigns, in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, the undersigned hereby agreeing to perform, upon request, any and all affirmative acts to obtain said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in said assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by said assignee, its successors and assigns, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made.

PATENT REEL: 011107 FRAME: 0424

Atty. Docket No: 29826/36000

RECORDED: 08/14/2000

WITNESS my hand this 3rd day of August, 2000.
State of 1811/Sylvania County of Daighin ss. State of 1811/Sylvania Alan J. Snyder
On this 3rd day of August , 2000, before me, a Notary Public in and for the County and State
aforesaid, appeared Alan J. Snyder, to me personally known to be the same person whose name is subscribed to the foregoing
instrument, and acknowledged that he executed said instrument as his free and voluntary act and for the uses and purposes
therein expressed.
WITNESS my hand and seal the same day and year last above given.
My Commission Expires:
Notarial Seal Jill B. Wagner, Notary Public Derry Twp., Dauphin County My Commission Expires Mar. 13, 2004

PATENT REEL: 011107 FRAME: 0425