Form PTO-1595 U.S.Department of Commerce (Rev. 03/01) U.S. Patent and Trademark Office OMB No. 0651-0027 (exp. 5/31/2002) To The Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): Name and address of receiving party(ies): Richard A. Rosenbloom The Quigley Corporation 621 North Shady Retreat Road 1. 609 Doylestown, PA 18901-2514 Additional name(s) of conveying party(ies) attached? □ yes □no Nature of conveyance: Assignment □ Merger Security Agreement

Change of Name Other Execution Date: November 6, 2002 Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is November 6, 2002 B. Patent No.(s) A. Patent Application No.(s): Attorney Docket No.: QUIG-1011US Additional Numbers attached? ☐ Yes ☐ No Name and address of party to whom correspondence Total number of applications and patents involved: concerning document should be mailed: 7. Total Fee (37 CFR 3.41) \$40.00 Kevin J. Dunleavy, Esq. Knoble & Yoshida, LLC Enclosed Suite 1350 Authorized to be charged to deposit 1628 John F. Kennedy Blvd. account 50-0462. Philadelphia, PA 19103 Customer No. 21302 DO NOT USE THIS SPACE Signature: Total number of pages including cover sheet, attachments, and documents 3 11/14/2002 GTON11 00000027 10288825 40.00 DP

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PATENT REEL: 013480 FRAME: 0009

ASSIGNMENT

WHEREAS, I, Richard A. Rosenbloom, hereinafter referred to as the assignor, residing at 524 Shoemaker Road, Elkins Park, PA 19027 am the inventor of certain inventions or improvements for which I have made application for Letters Patent to the United States, identified as Attorney Docket No. QUIG-1011US entitled "Methods for the Treatment of Peripheral Neural and Vascular Ailments" filed concurrently herewith,

WHEREAS, The Quigley Corporation, hereinafter referred to as the assignee, of 621 North Shady Retreat Road, Doylestown, PA 18901-2514 is desirous of acquiring the entire right, title and interest in and to the said inventions or improvements and in and to the said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries:

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) to each of us in hand paid by said assignee, and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the said assignor, has sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over to said assignee, the entire right, title and interest in and to said inventions or improvements and said application including the right to claim priority to the application in any foreign application entitled to claim such priority under national law, international conventions, treaties or otherwise, and any and all continuations, divisions and renewals of and substitutes for said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any reissue or reissues or extension or extensions of said Letters Patent, and assign to and authorize said assignee, to file in my name applications for Letters Patent in all countries, the same to be held and enjoyed by said assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me had this assignment, sale and transfer not been made.

RECORDED: 11/06/2002

AND I hereby covenant that I have full right to convey the entire interest herein assigned, and that I have not executed and will not execute any agreement in conflict herewith, and I further covenant and agree that I will each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said inventions or improvements, said application and said Letters Patent to said assignee, its successors, assigns, nominees, or legal representatives, and I agree to communicate to said assignee or to its nominee all known facts respecting said inventions or improvements, said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do everything possible to aid said assignee, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit proper patent protection for said inventions or improvements in any and all countries.

AND I hereby authorize and request the Director – U.S. Patent and Trademark Office and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to said assignee, as assignee of the entire right, title and interest, any and all Letters Patent for said inventions or improvements, including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

IN WITNESS WHEREOF, I have hereunto set my hand and seal.

Dated:	1/6/02	Richar	May G Jan d A. Rosenbloom	be	(L. S.)	
State of <i>Per</i>	nnsylvania Bucks	Nota:)))	rial Certificate NOTARIAL JOANNE J. TAYLO Doylestown Boro, My Commission Expir	R. Notary Public		
	Before me personal trument to be a free act	and deed ar	Richard A. Rosenbloond also represented tha	m who acknowled the is authorized, in the year 2	d to execute t	the

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PATENT REEL: 013480 FRAME: 0011