

FORM PTO-1595 U.S. DEPARTMENT  
U.S. Patent and Trademark Office

06-12-2003



102475077

To the Commissioner of Patents:  
Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
Gary David Havey  
Paul Lorn Gibson  
Gregory John Seifert  
Scott Kalpin

2. Name and address of receiving party(ies):  
Advanced Medical Electronics  
6901 East Fish Lake Road  
Suite 190  
Minneapolis, MN 55369

Additional name(s) of conveying party(ies)  
attached? \_\_\_ Yes X No

Additional name(s) & address(es)  
attached? \_\_\_ Yes X No

3. Nature of conveyance:

X Assignment                      \_\_\_ Merger  
\_\_\_ Other: \_\_\_\_\_

Execution Date(s): June 2, 2003

4. Application number(s) or patent number(s):

If this document is being filed together with a new non-provisional application, the execution date of the application is:

June 2, 2003

A. Patent Application No(s).

B. Patent No(s).

Additional numbers attached? \_\_\_ Yes X No

5. Name and address of party to whom correspondence  
concerning document should be mailed:

Customer No. 025281  
William M. Hienz III  
Dicke, Billig & Czaja PLLC  
Suite 2250  
100 South Fifth Street  
Minneapolis, Minnesota 55402

6. Total number of applications and  
patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00

X Enclosed

X Deficiency authorized to be charged to deposit  
account

8. Deposit Account Number: 500471  
(Attach duplicate copy of this page if  
paying by deposit account)

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9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

William M. Hienz III  
Name of Person Signing

Signature

June 4, 2003  
Date

Total number of pages comprising cover sheet: 1

**PATENT**  
**REEL: 014150 FRAME: 0013**



ASSIGNMENT

WHEREAS, we, Gary David Havey, Paul Lorn Gibson, Gregory John Seifert and Scott Kalpin have invented certain new and useful improvements in METHOD AND APPARATUS FOR SENSORY SUBSTITUTION, VISION PROSTHESIS, OR LOW-VISION ENHANCEMENT UTILIZING THERMAL SENSING, for which an application for Letters Patent of the United States is being made, filed June 4, 2003 ;

Whereas, Advanced Medical Electronics Corporation (“Assignee”), a corporation having offices at 6901 East Fish Lake Road, Suite 190, Minneapolis, Minnesota 55369, is desirous of acquiring the entire right, title and interest in and to said invention, said application and in, to and under any and all Letters Patent to be obtained therefor;

Now, therefore, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration to us in hand paid by said Assignee, the receipt of which is hereby acknowledged, we have sold, assigned and transferred, and by these presents do hereby sell, assign and transfer unto the said Assignee, its successors and assigns, our entire right, title and interest in and to said invention, said application, all divisions, continuations or renewals thereof, and the Letters Patent, both foreign and domestic, that may or shall issue, therefrom including all reissues or extensions of such patents including all of our rights under the International Convention, and we do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to the above mentioned Assignee in accordance herewith.

We hereby authorize the above mentioned Assignee, its successors and assigns, or anyone it may properly designate, to insert in this instrument the date of execution and/or filing date and application number of said application when ascertained.

We further authorize said Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent, in its own name if desired, in any and all foreign countries, and additionally to claim the filing date of said United States application and/or otherwise take advantage of the provisions of the International Convention.

Upon said consideration we do hereby covenant and agree with the said Assignee, its successors and assigns, that we will not execute in writing or do any act whatsoever conflicting with these presents, and that we or our executors or administrators will at any time upon request, without further or additional consideration, but at the expense of the said Assignee, its successors and assigns, execute such additional writings and do such additional acts as said Assignee, its successors and assigns, may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, or of any and all foreign countries on said invention, and in enforcing any rights occurring as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents.

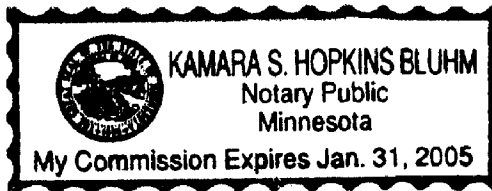
In Witness whereof, we have hereunto set our hands and affixed our seal as dated below.

Date: 6/2/03

Gary David Havey  
Gary David Havey

Subscribed and sworn to before me this 2 day of June, 2003.

Kamara S. Hopkins Bluhm  
Notary Public



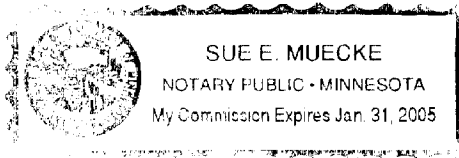
[Notary Seal]

Date: June 2, 2003

Paul Lorn Gibson  
Paul Lorn Gibson

Subscribed and sworn to before me this 2nd day of June, 2003.

Sue E. Muecke  
Notary Public



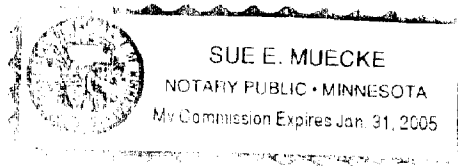
[Notary Seal]

Date: June 2, 2003

Gregory John Seifert  
Gregory John Seifert

Subscribed and sworn to before me this 2nd day of June, 2003.

Sue E. Muecke  
Notary Public



[Notary Seal]

Date: June 2, 2003

Scott Kalpin  
Scott Kalpin

Subscribed and sworn to before me  
this 2nd day of June, 2003.

Sue E Muecke  
Notary Public

[Notary Seal]

