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

1. Name of conveying party(ies): **NOACK, Thomas; STIEF, Christian; WELLER, Edgar;**  
Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies):  
Name: **Medizintechnik Dipl.-Ing. Heise Vertriebs GmbH**  
Street Address: **Berghofer Strasse 201**  
City: **Dortmund** State: ZIP: **44269**  
Country: **Federal Republic of Germany**  
Additional name(s) & address(es) attached?  Yes  No

3. Nature of conveyance:  
 Assignment  Merger  Other  
 Security Agreement  Change of Name  
Execution Date: **April 24, 2000**

4. 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:  
A. Patent Application No.(s) **08/913,924** B. Patent No.(s)

Adding numbers attached:  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: **Horst M. Kasper** Street Address: **13 Forest Drive**  
City: **Warren** State: **N.J.** ZIP: **07059**

6. Total number of applications and patents involved: **1**

7. Total fee (37 CFR 3.41): **\$40.00** *HAS BEEN PAID ON 7/13/42* <sup>TM</sup>  
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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.

Tadeusz Matwiejczyk *Tadeusz Matwiejczyk* April 26, 2000  
Name of Person Signing Signature Date  
PTO-1595 Total number of pages comprising cover sheet: 1

**PATENT**  
**REEL: 010740 FRAME: 0637**



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*MRD 7-6-98*

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

1. Name of conveying party(ies): **NOACK, Thomas; STIEF, Christian; WELLER, Edgar;**  
Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies):  
Name: **Medizintechnik Dipl.-Ing. Heise Vertriebs GmbH**  
Internal Address: **Patent Department**  
Street Address: **Berghofer Strasse 201**  
City: **Dortmund** State: ZIP: **44269**  
Country: **Federal Republic of Germany**  
Additional name(s) & address(es) attached?  Yes  No

3. Nature of conveyance:  
 Assignment  Merger  Other  
 Security Agreement  Change of Name  
Execution Date: **August 28, 1997; September 1, 1997**

4. 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:  
A. Patent Application No.(s) **08/913,924** B. Patent No.(s)

Adding numbers attached?  Yes  No

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Name: **Horst M. Kasper**  
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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.

*Horst M. Kasper, Ph.D.*

*Horst M. Kasper*

**JUN 30 1998**

Name of Person Signing  
PTO-1595

Signature

Date

Total number of pages comprising cover sheet: **1**

**COPY PATENT**

**REEL: 010740 FRAME: 0638**

**ASSIGNMENT**

WHEREAS,  
Thomas Noack, Drosselweg 42, 35274 Kirchhain, Germany,  
Christian Stief, Rehmenbreiten 6, 30966 Hemmingen, Germany  
Edgar Weller, Elbwillenweg 4, 01139 Dresden, Germany  
have made an invention in

**THERAPY APPARATUS FOR THE FUNCTIONAL ELECTROMYOSTIMULATION  
OF SMOOTH MUSCLE CELLS**

and have executed an application for Letters Patent of the United States of America based thereon

< > the .....day of.....19

< > on even date herewith

<X> and subsequently (\*) officially identified as Serial Number 08/913,924, filed on September 12, 1997.

AND WHEREAS, Medizintechnik Dipl.-Ing. Heise Vertriebs GmbH, Berghofer Strasse 1, 44269 Dortmund, Germany, is desirous of acquiring the entire right (including priority rights under any and all International Conventions), title and interest in and to the said invention in and throughout the United States of America, its Territories, and all countries foreign thereto, and in and to the said application for Letters Patent, and in and to any and all Letters Patent of the United States of America and countries foreign thereto, which have been or may be granted on said invention or any part thereof;

NOW THEREFORE, for one dollar and other good and valuable consideration, receipt of which is hereby acknowledged the said

Thomas Noack  
Christian Stief  
Edgar Weller

have agreed to and do hereby sell, assign and transfer unto the said Medizintechnik Dipl.-Ing. Heise Vertriebs GmbH the entire right (including priority rights under any and all International Conventions), title and interest in and throughout the United States of America, its Territories and all countries foreign thereto in and to said invention, said application for Letters Patent, and any and all Letters Patent and extensions thereto, of the United States of America and countries foreign thereto which have been or may be granted on said invention or any part thereof, or on said application or any divisional, continuing, renewal, re-issue or other applications based on whole or in part thereon, or based upon said invention;

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24 Apr 00 20:24

STIEF

Dr. R. Tusch

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TO BE HELD AND ENJOYED by the said Medizintechnik Dipl.-Ing. Heise Vertriebs GmbH, its heirs, executors, administrators, successors, and assigns to the full ends of the terms for which said Letters Patent or any of them have been or be granted, as fully and entirely as the same would have been held and enjoyed by us had no sale and assignment of said interest been made; and we do hereby authorize and request the Commissioner of Patents of the United States of America to issue any and all Letters Patent of the United States of America which may be granted upon the said applications above referred to, or any of them, or upon said invention or any part thereof, to Medizintechnik Dipl.-Ing. Heise Vertriebs GmbH aforesaid; and we hereby agree for ourselves and for our heirs, executors and administrators, to execute without further consideration any further legal documents and any further assurances, and any reissues, renewals, or other application for Letters Patent that may be deemed necessary by the assignee herein named, fully to secure to the said assignee Medizintechnik Dipl.-Ing. Heise Vertriebs GmbH interest as aforesaid in and to said invention or any part thereof, and in and to several Letters Patent or any of them.

And we do hereby covenant for ourselves and our legal representatives and agree with Medizintechnik Dipl.-Ing. Heise Vertriebs GmbH, its successors and assigns that we have granted no license to make, use or sell the said invention, that prior to the execution of this deed their right, title and interest in the said invention had not been encumbered, that we then had good right and title to sell and assign the same and that we have not executed and will not execute any instrument in conflict herewith.

(\*) And, we hereby appoint Horst M. Kasper to insert in this instrument after execution identifying information and in particular the serial number and the filing date of said application for United States Letters Patent when officially notified thereof.

In Witness whereof, we have hereunto set our hands and affixed our seals this 17th day of April, A.D. 2000.

WITNESS  
Dr. R. Tusch  
DATE: 04/24/00

*Horst M. Kasper*  
Christian Ernst  
Edgar Heller