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US010642



Form PTO 1595
(Rev. 6-93)

U.S. Dept. of Commerce
Patent and Trademark Office

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To the Commissioner for Patents: please record the attached original documents or copy thereof.

1. Name of conveying party(ies): Daniel F. Mulhauser Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>MRD 12/20/01</i>		2. Name and address of receiving party(ies): Name: Koninklijke Philips Electronics N.V. Internal Address: Street Address: <u>Groenewoudseweg 1</u> <u>5621 BA Eindhoven, The Netherlands</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Terms <input type="checkbox"/> Other Execution Date: <u>November 9, 2001</u>		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 <u>November 9, 2001</u> . A. Patent Application No.(s) <u>10024763</u> B. Patent No.(s) Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>Philips Electronics North America Corporation</u> Internal Address: Street Address: <u>580 White Plains Road</u> City: <u>Tarrytown</u> State: <u>NY</u> Zip: <u>10591</u>		6. Total number of applications and patents involved: <input type="text" value="1"/> 7. Total fee (37 CFR 3.41) ...\$ <u>40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to Deposit Account 8. Deposit Account Number: <u>14-1270</u> (Attach duplicate copy of this page paying by deposit account)					
DO NOT USE THIS SPACE							
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. <table style="width: 100%;"> <tr> <td style="width: 50%;"><u>Tony E. Piotrowski, Reg. 42,080</u> Name of Person Signing</td> <td style="width: 20%; text-align: center;">Signature <i>[Signature]</i></td> <td style="width: 10%; text-align: center;">Date <u>12/14/01</u></td> <td style="width: 20%;"></td> </tr> </table> Total number of pages including cover sheet, attachments, and document: <u>2</u> Mail documents to be recorded with required cover sheet information to: Commissioner for Patents Box Assignments Washington, D.C. 20231				<u>Tony E. Piotrowski, Reg. 42,080</u> Name of Person Signing	Signature <i>[Signature]</i>	Date <u>12/14/01</u>	
<u>Tony E. Piotrowski, Reg. 42,080</u> Name of Person Signing	Signature <i>[Signature]</i>	Date <u>12/14/01</u>					

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PATENT
REEL: 012397 FRAME: 0182

SOLE/JOINT ASSIGNMENT

Docket No. 1529.1022

For good and valuable consideration, I, as a below-named Assignor, hereby sell, assign, and transfer the entire right, title, and interest in the following to Koninklijke Philips Electronics N.V. having a place of business at Groenewoudseweg 1, 5621 BA, Eindhoven, The Netherlands, its successors, assigns, and legal representatives, including any nominees (collectively "the Assignee"):

(1) my/our invention relating to METHOD AND APPARATUS FOR DELIVERING DEFIBRILLATION AND PACING ENERGY FROM A SINGLE POWER SOURCE as described in the U.S. patent application

- executed concurrently herewith,
- executed on _____,
- filed in the United States Patent and Trademark Office on _____ as Serial Number _____,

(2) the foregoing application and all other U.S. and foreign patent applications based thereon, including divisions, continuations, reissues, and extensions, and

(3) all patents granted on these applications.

I will provide my cooperation to enable the Assignee to enjoy the foregoing right, title, and interest to the fullest extent. Upon request at the expense of the Assignee, I agree to execute all papers, take all rightful oaths, testify in all legal proceedings including patent prosecutorial actions and infringement actions, and do all other such acts which may be necessary, desirable, or convenient for securing and maintaining patents on the foregoing invention or for perfecting title thereto in the Assignee. I authorize and request that these patents be issued to the Assignee.

I certify that I have the full right to convey the above rights.

<u>11/9/2001</u> Date	(signature) <u><i>Daniel F. Mulhauser</i></u> (printed name) Daniel F. MULHAUSER	Assignor
_____ Date	(signature) _____ (printed name) _____	Assignor
_____ Date	(signature) _____ (printed name) _____	Assignor

State of _____)
County of _____)

On this 9th day of November, 2001 before me personally appeared Daniel F. Mulhauser known to me to be the person(s) who executed the foregoing assignment and acknowledged to me that he/they executed this assignment of his/their own free will.

[Signature]
Notary Public
esm. exp. 01/10/2008