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

<p>1. Name of conveying party(ies):</p> <p>LARS WALLEN</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies): Name: <u>Siemens Elema AB</u></p> <p>Internal Address: _____</p> <p>_____</p> <p>_____</p>
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____</p> <p>Execution Date <u>August 9, 1999</u></p>	<p>Street Address _____</p> <p>_____</p> <p>City <u>S171 95 Solna, Sweden</u> City _____ Zip: _____</p> <p>Additional Name(s) & Address(es) attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>

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: August 9, 1999

A. Patent Application No.(s) D99,1362
09/377133

B. Patent No.(s) _____

Additional numbers attached? Yes No

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Hill & Simpson, P.C.</p> <p>85th Floor Sears Tower 233 S. Wacker Drive Chicago, IL 60606</p>	<p>6. Total number of applications and patents involved _____ <u>1</u></p> <p>7. Total Fee (37 CFR 3.41) \$ <u>40.00</u> <input checked="" type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account any Additional fees</p> <p>8. Deposit Account Number: <u>08-2290</u> (Attach duplicate copy of this page if paying by deposit account)</p>
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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.

Steven H. Noll Steven H. Noll August 19, 1999
Name of Person Signing Signature Date

Total number of pages: 2

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08/26/1999 MTHA11 00000267 09377133
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ASSIGNMENT

FOR a valuable consideration, the undersigned,

residing at **LARS WALLEN**
Järneksvägen 16
S163 47 Spanga
Sweden

hereby sell, assign and transfer unto Siemens Elema AB, S171 95 Solna, Sweden, a Swedish corporation, the whole right, title and interest in and to a certain invention or improvement in


"ZERO CROSSING DETECTOR AND METHOD OF DETERMINING A ZERO CROSSING POINT"

disclosed in an application for Letters Patent of the United States, prepared by the firm of Hill & Simpson, A Professional Corporation of Chicago, Illinois, and executed of even date herewith, said application being identified in the office records of said firm as Case No. P99,1362 , and in our own records as Case No. GR98P7229US , and in and to the United States Letters Patent therefor, when issued, together with all improvements thereon and betterments thereof, all divisions, continuations and reissues thereof and substitutions of or for said application, and all rights and privileges under the Letters Patent that may be granted therefor, including the right to claim the benefit of an earlier filing date for the same invention in a foreign country.

I hereby authorize and request the Commissioner of Patents to issue the Letters Patent that may be granted for said invention or improvements to said Siemens Elema AB, S171 95 Solna, Sweden.

For the same consideration, I hereby agree that I will promptly communicate to the aforesaid assignee or its assigns full and complete information concerning said improvements or betterments of the inventions disclosed in said application, and will cooperate at any time upon request of said assignee or its assigns, at its expense, in the procurement of patent protection to cover the inventions herein assigned and to be assigned, including the execution of new, divisional, continuing and reissue applications; will make all rightful oaths, will testify in any proceedings in the United States Patent Office or in the Courts, and generally will do everything lawfully possible to aid said assignee, its successors, assigns and nominees to obtain, enjoy and enforce proper patent protection for the inventions embraced within the terms of this document.

DATE: 99-08-09


LARS WALLEN

WITNESSES:
CP Miller
Aelen Stenquist