
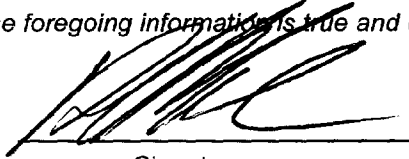


FORM PTO-1595 (Rev. 6-93) OMB No. 0651-0011 (exp. 4/94) Tab settings $\Rightarrow \Rightarrow \Rightarrow$	RE	04-05-2001  101669188	EET U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office		
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.					
1. Name of conveying party(ies): 1) PAUL WALTER BAIER, 2) JOSEF BLANZ, 3) MARTIN HAARDT, 4) RALPH SCHMALENBERGER (Additional name(s) of conveying party(ies) attached) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies) Name: <u>Siemens Aktiengesellschaft</u> Internal Address: <u>ZITGG-VM</u> Street Address: <u>Postfach 22 16 34</u> City: <u>München</u> State: <u>Germany</u> ZIP: <u>80506</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 Name <input type="checkbox"/> Other _____ Execution Date: 1) October 21, 1999, 3) November 11, 1999, 2) December 16, 1999, 4) October 22, 1999					
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: _____ <table style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> A. Patent Application No.(s) 09/407,258 </td> <td style="width: 50%; vertical-align: top;"> B. Patent No.(s) </td> </tr> </table> <p style="text-align: center;">Additional numbers attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>				A. Patent Application No.(s) 09/407,258	B. Patent No.(s)
A. Patent Application No.(s) 09/407,258	B. Patent No.(s)				
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>Lerner and Greenberg</u> Internal Address: _____ Street Address: <u>P.O. Box 2480</u> City: <u>Hollywood</u> State: <u>FL</u> ZIP: <u>33022</u>	6. Total number of applications and patents involved: <div style="border: 1px solid black; width: 30px; text-align: center; margin: 0 auto;">1</div> 7. Total fee (37 CFR 3.41) \$ <u>40.00</u> <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: _____ (Attach duplicate copy of this page by deposit account)				
<div style="display: flex; justify-content: space-between;"> 04/04/2001 DBYRNE 00000153 09407258 DO NOT USE THIS SPACE </div> <div style="display: flex; justify-content: space-between;"> 01 FC:501 40.00 DP </div>					
9. Statement and signature. <i>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.</i> <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="text-align: center;"> RALPH E. LOCHER REG. NO. 41,947 _____ Name of Person Signing </div> <div style="text-align: center;">  _____ Signature </div> <div style="text-align: right;"> <u>03/14/01</u> Date <div style="border: 1px solid black; width: 30px; height: 30px; display: flex; align-items: center; justify-content: center; margin-top: 5px;">4</div> </div> </div> <p style="text-align: center; margin-top: 10px;">Total number of pages including cover sheet, attachments, and document: _____</p>					

Mail documents to be recorded with required cover sheet information to:
 Commissioner of Patents & Trademarks, Box Assignments
 Washington, D.C. 20231

PATENT
REEL: 011640 FRAME: 0827

ASSIGNMENT

WHEREAS WE, PAUL WALTER BAIER, JOSEF BLANZ, MARTIN HAARDT and RALPH SCHMALENBERGER, residing respectively at KAISERSLAUTERN, KINDSBACH, MÜNCHEN and KAISERSLAUTERN, Germany, have invented certain new and useful improvements in a

METHOD FOR DIRECTION ESTIMATION

for which an application for Letters Patent of the United States of America was executed on the date of execution of this assignment;

WHEREAS, SIEMENS AKTIENGESELLSCHAFT, a German corporation doing business at München, Germany, is desirous of acquiring the entire interest in said invention, and in any and all Letters Patent of the United States that may be obtained therefor;

NOW, THEREFORE, be it known that for and in consideration of MARTIN HAARDT'S employment by the said corporation and a contractual agreement between inventors WALTER PAUL BAIER, JOSEF BLANZ and RALPH SCHMALENBERGER and the said corporation, the receipt and sufficiency whereof are hereby acknowledged, we have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the said corporation, its legal representatives, successors and assigns, the full and exclusive right to the said invention as fully set forth and described in the above-mentioned application, and to said application and any and all divisions and continuations thereof, and any and all Letters Patent of the United States which may be granted therefor, and any and all reissues of said Letters Patent, the same to be held and enjoyed by the said corporation, its legal representatives, successors and assigns, to the full end of the term for which said Letters Patent may be granted or may be reissued or extended, as fully and entirely as the same would have been held by us had this assignment and sale not been made.

AND WE hereby authorize the Commissioner of Patents to issue any and all Letters Patent of the United States on said invention or resulting from said Application and from any and all divisions and continuations thereof to the said corporation as the assignee of the entire right, title and interest in and to the same.

E. J. [Signature]
WITNESS

Paul Walter Baier (LS)
PAUL WALTER BAIER

21 October 1999
DATE

WITNESS
[Signature]
WITNESS

JOSEF BLANZ (LS)
[Signature] (LS)
MARTIN HAARDT

DATE
Nov. 11, 1999
DATE

WITNESS

RALPH SCHMALENBERGER (LS)

DATE

ASSIGNMENT

WHEREAS WE, PAUL WALTER BAIER, JOSEF BLANZ, MARTIN HAARDT and RALPH SCHMALENBERGER, residing respectively at KAISERSLAUTERN, KINDSBACH, MÜNCHEN and KAISERSLAUTERN, Germany, have invented certain new and useful improvements in a

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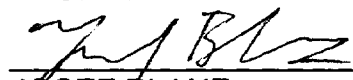
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WITNESS


WITNESS A. PAPATHANASSIOU

_____(LS)
PAUL WALTER BAIER


_____(LS)
JOSEF BLANZ

DATE



DATE

WITNESS

_____(LS)
MARTIN HAARDT

DATE

WITNESS

_____(LS)
RALPH SCHMALENBERGER

DATE

ASSIGNMENT

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_____	_____ (LS)	_____
WITNESS	PAUL WALTER BAIER	DATE

_____	_____ (LS)	_____
WITNESS	JOSEF BLANZ	DATE

_____	_____ (LS)	_____
WITNESS	MARTIN HAARDT	DATE

<i>Y. J. Jones</i>	<i>X Ralph Schmalenberger</i>	<i>X 10/22/99</i>
WITNESS <i>2010</i>	RALPH SCHMALENBERGER	DATE

C. J. Jones