
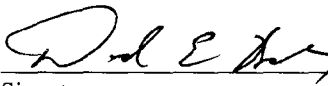


2/09/05

BOX ASSIGNMENTS

02-22-2005

Keep within borders

ONLY PATENTS & PAT. APPLNS. To the Director of the United SIR: Please record the attached original doc.		 102946389	NS. & PATENTS ONLY D.C. 20231 ars are:
1. Name of conveying party(ies) (assignor(s)): Siva M. Mangalam Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> yes <input checked="" type="checkbox"/> no			
2. Name and Address of Party(ies) receiving an interest (assignee(s)): Address: <u>Tao of Systems Integration, Inc.</u> <u>24 Research Drive, Suite 202, Hampton, Virginia</u> Country: <u>United States</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 Execution Date(s): <u>02/09/2005</u> <input type="checkbox"/> Merger <input type="checkbox"/> Change of Name <input type="checkbox"/> Verified Translation <input type="checkbox"/> Note:			
4. Execution date(s) on the Declaration if filed herewith: <u>02/09/2005</u>			
4.5 Application number(s) or patent number(s). Others on additional sheet(s) attached? <input type="checkbox"/> yes <input checked="" type="checkbox"/> no			
A. Patent Application No(s). (series code/serial number) Unassigned		B. Patent No(s).	
5. Name and address of party to whom correspondence concerning document should be mailed: J. Michael Martinez de Andino, Esq. HUNTON & WILLIAMS Riverfront Plaza, East Tower 951 East Byrd Street Richmond, VA 23219-4074 (804) 788-7216 telephone		6. Number involved: Applns <u>1</u> + Pats: <u> </u> = Total <u>1</u> 7. Fee of \$40.00 is included in the Enclosed Check. 8. If above fee is an inadequate charge, insufficiency to be charged to Deposit Account Number 08-3436 (duplicate sheet not required.)	
5.5 Atty. Dkt. 61076.000012			
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.  Signature Attorney: <u>David E. Baker</u> Reg. No. <u>42,285</u> Tel: 804-788-8762 Fax: 804-343-4598			
		10. Total number of pages including this cover sheet (Do NOT file dup. cover sheet) <div style="border: 1px solid black; padding: 5px; display: inline-block;">3</div>	
Date: <u>February 9, 2005</u>			

 112959 U.S. PTO
 11/054642


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United States Patent Assignment

This United States Patent Assignment ("Assignment") is made by **Dr. Siva M. Mangalam**, a citizen of the United States of America, residing in Williamsburg, Virginia with a postal address of 17 Mile Course, Williamsburg, Virginia 23185 (hereinafter referred to as "Assignor").

Recitals.

Whereas, Assignor, as a co-inventor with Dr. Garimella R. Sarma, is an owner of the United States Patent Application entitled

ACTIVE SENSOR CIRCUIT WITH ONE OR MORE T-NETWORK PAIRS

("PATENT APPLICATION"), which is filed concurrently herewith.

Whereas, **Tao of Systems Integration, Inc.**, a Virginia corporation, having a place of business at 24 Research Drive, Suite 202, Hampton, Virginia (hereinafter referred to as "Assignee"), desires to acquire Assignor's entire right, title and interest in and to the PATENT APPLICATION.

Whereas, Assignor, as a co-inventor, owns a right, title and interest in and to the PATENT APPLICATION and the invention therein disclosed and claimed (collectively, the "PATENT APPLICATION AND INVENTION"), and has the unrestricted right to sell, assign and transfer such right, title and interest in and to the PATENT APPLICATION AND INVENTION; and

Whereas, Assignee desires to acquire Assignor's entire right, title and interest in and to the PATENT APPLICATION AND INVENTION.

Assignment.

Now, therefore, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor has sold and hereby sells, assigns, transfers and conveys unto Assignee, its successors and assigns Assignor's entire right, title and interest in and to the PATENT APPLICATION AND INVENTION and in and to any and all applications based thereon, all continuations, continuations-in-part, continuing prosecution applications, or divisions thereof, and in all letters patent of the United States of America and all countries foreign thereto and reissues and extensions thereof which may be granted from the PATENT APPLICATION AND INVENTION, for the full term for which the letters patent, together with the right to claim the priority of any patent application included therein, to be held and enjoyed by the Assignee, their successors and assigns, as fully and entirely as the same would have been held and enjoyed by the Assignor if this assignment and sale had not been made.

Assignor also hereby sells, assigns, transfers and conveys unto Assignee, its successors and assigns the right to sue for any and all infringement of the PATENT APPLICATION occurring prior to the date of this Assignment.

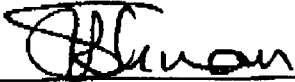
Assignor covenants and agrees, on his behalf and on behalf of his successors and assigns, without further compensation, to promptly at any time upon the request of the Assignee, its successors and assigns, provide such further information and execute such further assignments and documents and do all

lawful acts with respect to the PATENT APPLICATION AND INVENTION that may be necessary or desirable to perfect title in the Assignee, its successors or assigns, and to assist in obtaining patents relating to the PATENT APPLICATION AND INVENTION, or in any interference proceedings or for any divisions, continuations or continuation-in-part patent applications relating to the PATENT APPLICATION AND INVENTION.

Assignor warrants and represents to Assignee that Assignor has unencumbered legal and equitable title to the PATENT APPLICATION AND INVENTION and has not granted any rights in the PATENT APPLICATION AND INVENTION to any other person, firm, corporation or entity.

Witness the following signature, made as of the date set forth.

Assignor:



Siva M. Mangalam

Date: Feb. 9, 2005

STATE OF VA)

COUNTY OF _____) ss:
)

Before me personally appeared _____, to me known to be the person described in and who executed the foregoing instrument; and he acknowledged to me that he executed the same for the purpose therein stated, this the ____ day of _____, 2005.

Notary Public

SEAL