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6-93		U.S. Department of Commerce Patent and Trademark Office
OMB No. 0651-0011 (exp. 4/94)	103134153	
To the Honorable Commissioner of Patents and Trademarks.	Please record the attached original documents or copy thereof.	<u> </u>
Name of conveying party(ies):	2. Name and address of rece	ving party(ies):
Nesreen Ibrahim Ziedan James Levi Garrison, Jr.	Name: Purdue Research Fo Office of Technolog	undation y Commercialization
Additional name(s) of conveying party(ies) attached? [] Ye	Street: 3000 Kent Avenue es [X] No City: West Lafayette, Ind	iana 47906
	Country: <u>United States of Am</u> Additional name(s) & address(es)	
3. Nature of Conveyance:		
[X] Assignment [] Merger [] Security Agreement [] Change of [] Other Execution Date(s): 11/30/05 and 11/29/05.		
4. Application number(s) or patent number(s	s):	
If this document is being filed together with 11/29/05, respectively	h a new application, the execution date of the ap	plication <u>11/30/05 and</u>
A. Patent Application No(s)	B. Patent No(s)	
Title of Invention: System and Method f Positioning System	ttached? [] Yes [X] No or High Dynamic Acquisition and Tracking of S	ignals from the Global
Our Docket No.: 1743-0022		1 4 1 1
5. Name and address of party to whom corres concerning document should be mailed:	pondence 6. Total number of application	ons and patents involved 1
Name: <u>David M. Lockman</u>	7. Total fee (37 CFR 3.41): .	\$ <u>40.00</u>
Internal Address: <u>Maginot, Moore & Beck</u>	[X] Enclosed [] Authorized to be charge	d to deposit account
Street Address: 111 Monument Circle, Suite City: State: Zip: Indianapolis, IN 46204-511		
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9. Statement and signature. To the best of my knowledge and belief, the copy of the original document. David M. Lockman Name of Person Signing Registration No. 34,214	Signature	November 30, 2005 Date Cover sheet, attachments and document 1
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	nts to be recorded with required cover sheet information to: ssioner of Patents and Trademarks, Box Assignments Washington, D.C. 20231	

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PATENT REEL: 017309 FRAME: 0562

ASSIGNMENT AND AGREEMENT

For value received, we, Nesreen Ibrahim Ziedan of Oxford, Ohio, and James Levi Garrison, Jr. of Lafayette, Indiana, do hereby sell, assign and transfer to Purdue Research Foundation, Office of Technology Commercialization, an incorporated company of the State of Indiana, having an office at 3000 Kent Avenue, West Lafayette, Indiana 47906, (hereinafter referred to as "Purdue"), and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to the SYSTEM AND METHOD FOR HIGH DYNAMIC ACQUISITION AND TRACKING OF SIGNALS FROM THE GLOBAL POSITIONING SYSTEM described in an application for Letters Patent of the United States and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and we also concurrently hereby sell, assign and transfer to Purdue the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

We authorize Purdue to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of Purdue to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

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PATENT REEL: 017309 FRAME: 0563 We request that any and all patents for said inventions be issued to Purdue in the United States and in all countries foreign to the United States, or to such nominees as Purdue may designate.

We agree that, when requested, we shall, without charge to Purdue, but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

Date: 11/30/2005	Nesreen Ziedan	
	Nesreen Ibrahim Ziedan	
Date:		
	James Levi Garrison, Jr.	

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PATENT REEL: 017309 FRAME: 0564 We request that any and all patents for said inventions be issued to Purdue in the United States and in all countries foreign to the United States, or to such nominees as Purdue may designate.

We agree that, when requested, we shall, without charge to Purdue, but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

Date:_______Nesreen Ibrahim Ziedan

Date: 11 29 65 James Levi Garrison, Jr

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RECORDED: 11/30/2005