

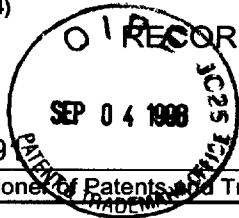
10-05-1998

ERCE
Office



100844209

PD-970458



Customer No.: 02099

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

MEP 9-4-98

1. Name of conveying party(ies): Garry Didinsky Yeong-Wei Wu Rongsheng Li Arunkumar Nayak Douglas Hein Additional Name(s) of conveying party(ies) attached? yes <input type="checkbox"/> no <input checked="" type="checkbox"/>		2. Name and address of receiving party(ies): Name: HUGHES ELECTRONICS CORPORATION Internal Address: Bldg. 001, M/S A109 P.O. Box 956 El Segundo, California 90245-0956			
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: <u>August 13, 1998</u>		Street Address: Bldg. 001, M.S. A109 200 North Sepulveda Blvd. El Segundo, California 90245-0956 Additional name(s) & address(es) attached? <input type="checkbox"/> yes <input checked="" type="checkbox"/> no			
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 border="1"><tr><td>A. Patent Application No.(s) 09/087,409 Filed: May 29, 1998 Additional numbers attached? <input type="checkbox"/> yes <input checked="" type="checkbox"/> no</td><td>B. Patent No.(s)</td></tr></table>				A. Patent Application No.(s) 09/087,409 Filed: May 29, 1998 Additional numbers attached? <input type="checkbox"/> yes <input checked="" type="checkbox"/> no	B. Patent No.(s)
A. Patent Application No.(s) 09/087,409 Filed: May 29, 1998 Additional numbers attached? <input type="checkbox"/> yes <input checked="" type="checkbox"/> no	B. Patent No.(s)				
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Patent Records Administration Internal Address: HUGHES ELECTRONICS CORPORATION Building 001, M/S A109 P.O. Box 956 El Segundo, California 90245-0956 Street Address: 200 North Sepulveda Boulevard El Segundo, California 90245-0956		6. Total number of applications and patents involved: [1] 7. Total fee (37 CFR 3.41)..... \$40.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: 50-0383			

10/02/1998 JSHADAZZ 00000191 500383 09087409
01 FC:581 40.00 CH

DO NOT USE THIS SPACE

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> Terje Gudmestad, Reg. No. 32,232 Signature: Date: September 01, 1998	
Total number of pages comprising cover sheet: [3]	

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

PATENT
REEL: 9482 FRAME: 0157

ASSIGNMENT

Page 1 of 3
PD-970551
Customer No. 020991

WHEREAS, I, as below named sole inventor (if only one name is listed below) or joint inventor (if plural names are listed below) of the city and state as stated below next to my name, have invented a (an), **AUTONOMOUS ATTITUDE ACQUISITION FOR A STELLAR INERTIAL ATTITUDE DETERMINATIONS SYSTEM** for which application for Letters Patent of the United States has been executed by me on this day, or (if the following is completed) filed 05-29-98 as Serial No. 09/087,409; and

WHEREAS, HUGHES ELECTRONICS CORPORATION, a Delaware Corporation, having its principal place of business in Los Angeles, California, is desirous of acquiring the entire and exclusive right, title and interest in, to and under said invention, said application and any and all Letters Patent that may be granted therefor in the United States and throughout the world;

NOW, THEREFORE, in consideration of the obligations voluntarily assumed by me and set forth in an invention agreement between me and my employer, effective the date as stated below next to my name, and other good and valuable consideration, receipt of which is hereby acknowledged, I do hereby sell, assign and transfer to HUGHES ELECTRONICS CORPORATION, its successors, assigns or other legal representatives, the entire and exclusive right, title and interest in and to said invention invented by me, to said application and any and all applications which are continuations, continuations-in-part, divisions or substitutes of said application and any and all Letters Patent that may be granted therefor in the United States and throughout the world on any of said applications and to any and all reexaminations, reissues, renewals or extensions of said Letters Patent in the United States and throughout the world for the full term or terms for which said Letters patent may be granted in the United States and throughout the world; authorize and request The Commissioner of Patents and Trademarks of the United States and all foreign countries to issue all such Letters Patent to said HUGHES ELECTRONICS CORPORATION, its successors, assigns or other legal representatives; covenant that no assignment, sale, agreement, transfer or encumbrance has been, or will be, made or entered into which would conflict with this assignment, sale and transfer; and agree to communicate to HUGHES ELECTRONICS CORPORATION, its successors, assigns or other legal representatives, upon request and at no cost or expense to me, any facts known by me respecting said invention, do all lawful acts, including the execution and delivery of all papers and proper oaths and giving of testimony that is deemed necessary or desirable by HUGHES ELECTRONICS CORPORATION, its successors, assigns or other legal representatives with regard to said invention for protecting, obtaining, maintaining and enforcing any and all of said Letters Patent in the United States and throughout the world for said invention and for perfecting, affirming, recording and maintaining the title of HUGHES ELECTRONICS CORPORATION, its successors, assigns or other legal representatives, and generally cooperate to the fullest extent in all matters pertaining to said invention, and any and all of said Letters Patent and the title thereto in HUGHES ELECTRONICS CORPORATION, its successors, assigns or other legal representatives.

IN WITNESS WHEREOF, I have executed this instrument.

FULL NAME OF SOLE OR JOINT INVENTOR Garry Didinsky	INVENTOR'S SIGNATURE <i>G. Didinsky</i>	DATE 8/13/98
RESIDENCE (CITY AND STATE) 8821 -D- Washington Boulevard, Niles, Illinois 60714		INVENTION AGREEMENT DATE January 09, 1995
FULL NAME OF SOLE OR JOINT INVENTOR Yeong-Wei Wu	INVENTOR'S SIGNATURE	DATE
RESIDENCE (CITY AND STATE) 28525 Cedarbluff, Rancho Palos Verdes, California 90274		INVENTION AGREEMENT DATE
FULL NAME OF SOLE OR JOINT INVENTOR Rongsheng Li	INVENTOR'S SIGNATURE	DATE
RESIDENCE (CITY AND STATE) 2521 South Anvil Tree Lane, Hacienda Heights, California 91745		INVENTION AGREEMENT DATE September 23, 1996
FULL NAME OF SOLE OR JOINT INVENTOR Akunkumar Nayak	INVENTOR'S SIGNATURE	DATE
RESIDENCE (CITY AND STATE) 14841 Covello Street, Van Nuys, California 91405		INVENTION AGREEMENT DATE October 02, 1995
FULL NAME OF SOLE OR JOINT INVENTOR Douglas Hein	INVENTOR'S SIGNATURE	DATE
RESIDENCE (CITY AND STATE) 2545 Cordelia Road, Los Angeles, California 90049		INVENTION AGREEMENT DATE September 26, 1983

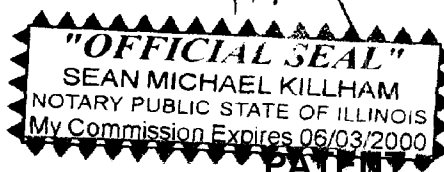
STATE OF IL

COUNTY OF COOK

On August 13, 1998 before me, Sean M. Killham, a Notary Public in and for said State, personally appeared Garry Didinsky, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Notary Public



REEL: 9482 FRAME: 0159

STATE OF CALIFORNIA

COUNTY OF LOS ANGELES

)
) SS:
)

On AUGUST 28 1998 before me, DIANA HUI, a Notary Public in and for said State, personally appeared DOUGLAS H. HEIN, ☒ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.



Notary Public [Signature]

STATE OF CALIFORNIA

COUNTY OF LOS ANGELES

)
) SS:
)

On _____ before me, _____, a Notary Public in and for said State, personally appeared _____, ☐ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Notary Public _____

STATE OF CALIFORNIA

COUNTY OF LOS ANGELES

)
) SS:
)

On _____ before me, _____, a Notary Public in and for said State, personally appeared _____, ☐ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Notary Public _____