

CUSTOMER NO. 020991

PD-990288

10-02-2000

FORM PTO-1595
1-31-92



101477455

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

ET

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

1. Name of conveying party(ies):

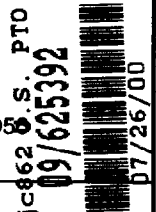
Rongsheng Li
Yeong-Wei Andy Wu
Douglas H. Hein

Additional Name(s) of conveying party(ies) attached?
yes no

2. Name and address of receiving party(ies):

Name: HUGHES ELECTRONICS CORPORATION

Internal Address: Bldg. 001, M/S A109
P.O. Box 956
200 N. Sepulveda Blvd.
El Segundo, CA 90245-0956



3. Nature of Conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: July 25, 2000

Street Address: Bldg. 001, M.S. A109
200 N. Sepulveda Blvd.
El Segundo, California 90245

Additional name(s) & address(es) attached? yes no

4. Application number(s) or patent number(s): **PD-990288**

If this document is being filed together with a new application, the execution date of the application is: July 25, 2000.

A. Patent Application No.(s): _____ B. Patent No.(s): 09625392

Additional numbers attached? yes no

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Patent Records Administration
Address: Hughes Electronics Corporation
Bldg. 001, M/S A109
P.O. Box 956
200 N. Sepulveda Blvd.
El Segundo, CA 90245-0956

6. Total number of applications and patents involved: [1]

7. Total fee (37 CFR 3.41): \$40.00

Enclosed
 Authorized to be charged to deposit account

8. Deposit account number:
50-0383
(Attached duplicate copy of this page if paying by deposit account)

Customer No. 020991


10/02/2000 MTHAI1 00000090 500383 09625392

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.

TERJE GUDMESTAD
Registration No. 32,232


Signature

7/26/00
Date

Total number of pages including cover sheet: [3]

ASSIGNMENT

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) **SYSTEM AND METHOD FOR CALIBRATING INTER-STAR-TRACKER MISALIGNMENTS IN A STELLAR INERTIAL ATTITUDE DETERMINATION 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 on _____ as Serial No. _____; and

WHEREAS, **HUGHES ELECTRONICS CORPORATION**, (hereinafter referred to as **HUGHES**), a Delaware Corporation, having its principal place of business in El Segundo, 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**, 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**, 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**, 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**, 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**, 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**, its successors, assigns or other legal representatives.

IN WITNESS WHEREOF, I have executed this instrument.

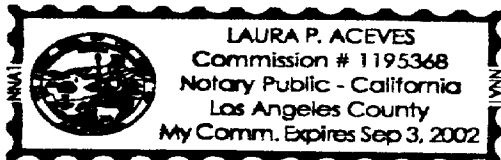
FULL NAME OF SOLE OR JOINT INVENTOR Rongsheng Li	INVENTOR'S SIGNATURE <i>Rongsheng Li</i>	DATE 7/25/2000
RESIDENCE (CITY AND STATE) Hacienda Heights, California 91745		INVENTION AGREEMENT DATE September 23, 1996
FULL NAME OF SOLE OR JOINT INVENTOR Yeong-Wei Andy Wu	INVENTOR'S SIGNATURE <i>Yeong-Wei Andy Wu</i>	DATE 7/25/2000
RESIDENCE (CITY AND STATE) Rancho Palos Verdes, California 90275		INVENTION AGREEMENT DATE November 3, 1980
FULL NAME OF SOLE OR JOINT INVENTOR Douglas H. Hein	INVENTOR'S SIGNATURE <i>Douglas H Hein</i>	DATE 7/25/2000
RESIDENCE (CITY AND STATE) Los Angeles, California 90049		INVENTION AGREEMENT DATE September 26, 1983

STATE OF CALIFORNIA
COUNTY OF LOS ANGELES

SS:

On July 25, 2000 before me, LAURA P. ACEVES
a Notary Public in and for said State, personally appeared RONGSHENG LI AND DOUGLAS H. HEIN
 personally known to me or 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.



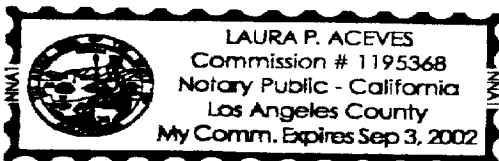
Laura P. Aceves
Notary Public

STATE OF CALIFORNIA
COUNTY OF LOS ANGELES

SS:

On July 25, 2000 before me, LAURA P. ACEVES
a Notary Public in and for said State, personally appeared YEONG-WEI ANDY WU
 personally known to me or 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.



Laura P. Aceves
Notary Public

PATENT