

08-31-1998

HEET

AUG 24 1998



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PD-970458

Customer No.: 020991

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

1. Name of conveying party(ies):

Parthasarathy Ramanujam
Philip H. Law
Louis R. Fermelia

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
El Segundo, California 90245-0956

3. Nature of Conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____Street Address: Bldg. 001, M.S. A109
200 North Sepulveda Blvd.
El Segundo, California 90245-0956Additional name(s) & address(es) attached? ☐ yes ☒ no

Execution Date: August 19, 1998

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: Aug. 19, 1998.

A. Patent Application No.(s) 09/119,301

B. Patent No.(s)

Filed: June 20, 1998

Additional numbers attached? ☐ yes ☒ no

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 90245-0956Street 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

☐ Enclosed
☒ Authorized to be charged to deposit account

8. Deposit account number:

50-0383

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9. Statement and signature.

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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, Reg. No. 32,232

Signature

Date

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. 20231PATENT
REEL: 9401 FRAME: 0367

ASSIGNMENT

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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), **METHOD FOR REDUCING CROSS-POLAR DEGRADATION IN MULTI-FEED DUAL OFFSET REFLECTOR ANTENNAS** 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 07-20-98 as Serial No. 09/119,301; 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 Parthasarathy Ramanujam	INVENTOR'S SIGNATURE <i>Parthasarathy Ramanujam</i>	DATE 8-19-98
RESIDENCE (CITY AND STATE) 2601 Fisk Lane, Redondo Beach, CA 90278		INVENTION AGREEMENT DATE July 26, 1989

FULL NAME OF SOLE OR JOINT INVENTOR Philip H. Law	INVENTOR'S SIGNATURE <i>Philip H. Law</i>	DATE 8-19-98
RESIDENCE (CITY AND STATE) 17092 Escalon Drive, Encino, CA 91436		INVENTION AGREEMENT DATE April 17, 1995

FULL NAME OF SOLE OR JOINT INVENTOR Louis R. Fermelia	INVENTOR'S SIGNATURE <i>Louis R. Fermelia</i>	DATE 8-19-98
RESIDENCE (CITY AND STATE) 408 AVENUE G #31 8-19-98 420 South Catalina #212, Redondo Beach, CA 90277		INVENTION AGREEMENT DATE June 17, 1987

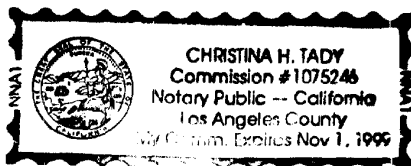
STATE OF **CALIFORNIA**

COUNTY OF **LOS ANGELES**

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On August 19, 1998 before me, Christina H. Tady, a Notary Public in and for said State, personally appeared P. Ramanujam, P.H. Law and L.R. Fermelia, ☒ 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 *Christina H. Tady*