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PD-970522

FORM PTO-1595
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03-22-2000



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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

HEET

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

1. Name of conveying party(ies): **M. Akbar Ali,
Carl W. Peterson, Kevin M. McNab**

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: April 26, 1999, April 28, 1999Street Address: Bldg. 001, M.S. A109
200 N. Sepulveda Blvd.
El Segundo, California 90245Additional name(s) & address(es) attached? ☐ yes ☒ no

4. Application number(s) or patent number(s):

April 26, 1999, April 28, 1999

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s):

B. Patent No.(s):

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)

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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.*GEORGANN S. GRUNEBACH
Registration No. 33,179Signature Date Feb 14, 2000Total number of pages including cover sheet: 4

OMB No. 0651-0011 (exp. 4/94)

03/21/2000 DNGUYEN 00000157 500383 CARL W PETERSON

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40.00 CH

ASSIGNMENTPage 1 of 2
PD-970522

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) **Electronic Structure Having An Embedded Pyrolytic Graphite Heat Sink Material** 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.

Customer No. 020991

IN WITNESS WHEREOF, I have executed this instrument.

FULL NAME OF SOLE OR JOINT INVENTOR M. AKBAR ALI	INVENTOR'S SIGNATURE 	DATE 4/28/99
RESIDENCE (CITY AND STATE) 26430 VIA MARQUETTE, LOMITA, CA 90717		INVENTION AGREEMENT DATE OCTOBER 12, 1987

FULL NAME OF SOLE OR JOINT INVENTOR CARL W. PETERSON	INVENTOR'S SIGNATURE 	DATE 4/28/99
RESIDENCE (CITY AND STATE) 17701 S. AVALON BLVD. #88, CARSON, CA 90746		INVENTION AGREEMENT DATE MARCH 29, 1993

FULL NAME OF SOLE OR JOINT INVENTOR KEVIN M. MC NAB	INVENTOR'S SIGNATURE 	DATE 4/26/99
RESIDENCE (CITY AND STATE) 29206 BEACHSIDE DRIVE, RANCHO PALOS VERDES, CA 90275		INVENTION AGREEMENT DATE JULY 7, 1980

FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
RESIDENCE (CITY AND STATE)		INVENTION AGREEMENT DATE

FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
RESIDENCE (CITY AND STATE)		INVENTION AGREEMENT DATE

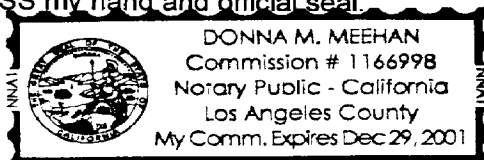
STATE OF California)
COUNTY OF Los Angeles)

SS:

On April 26, 1999 before me, Donna M. Meehan,
a Notary Public in and for said State, personally appeared
Kevin M. Mc Nab

☒ 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.



Notary Public 

ASSIGNMENT

ADDENDUM

PD-970522

STATE OF California)
)
COUNTY OF Los Angeles)

SS:

On April 28, 1999, before me, Donna M. Meehan,
a Notary Public in and for said State, personally appeared M. Akbar Ali and Carl W. Peterson

☒ 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.



Notary Public

Donna M. Meehan

STATE OF _____)
)
COUNTY OF _____)

SS:

On _____, before me, _____,
a Notary Public in and for said State, personally appeared _____

☐ 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.

Notary Public _____

RECORDED: 02/18/2000

PATENT
REEL: 010616 FRAME: 0872