

03-16-1999

Customer No. 020991

PD-970323

FORM PTO-1595
1-31-92100984575
RECORDATION FORM COVER SHEET
PATENTS ONLYU.S. DEPARTMENT OF COMMERCE
Patent and Trademark OfficeU.S. DEPT. OF COMMERCE
03/16/1999
01/05/99

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

1. Name of conveying party(ies): **Rolf Kich and Michael Ando**KRD
3-5-99

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

Additional Name(s) of conveying party(ies) attached?

yes ☐no ☒

3. Nature of Conveyance:

- ☒
- Assignment
- ☐
- Merger
-
- ☐
- Security Agreement
- ☐
- Change of Name
-
- ☐
- Other

Street Address: Bldg. 001, M.S. A109
200 N. Sepulveda Blvd.
El Segundo, California 90245Execution Date: February 18, 1999 and
February 25, 1999Additional name(s) & address(es) attached? ☐ yes ☒ no

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

09/262,999

February 18, 1999
February 25, 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)

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.

GEORGANN S. GRUNEBACH
Registration No. 33,179

Signature

Date

Total number of pages including cover sheet []

PATENT

REEL: 9809 FRAME: 0565

ASSIGNMENTPage 1 of 2
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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) **Compact Waveguide "T" Switch** 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

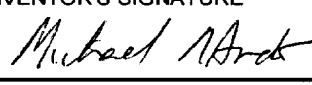
WHEREAS, **HUGHES ELECTRONICS CORPORATION**, (hereinafter referred to as **HUGHES**), a Delaware Corporation, having its principal place of business in El Segundo, California, is desirous of acquiring the entire and exclusive right, title and interest in, to and under said invention, said application 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 ROLF KICH	INVENTOR'S SIGNATURE 	DATE 2-25-99
RESIDENCE (CITY AND STATE) 1624 HARPER AVENUE, REDONDO BEACH, CALIFORNIA 90278		INVENTION AGREEMENT DATE JUNE 16, 1981

FULL NAME OF SOLE OR JOINT INVENTOR MICHAEL N. ANDO	INVENTOR'S SIGNATURE 	DATE 2-18-99
RESIDENCE (CITY AND STATE) 23542 EVALYN, TORRANCE, CALIFORNIA 90505		INVENTION AGREEMENT DATE JUNE 14, 1984

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

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

STATE OF California)

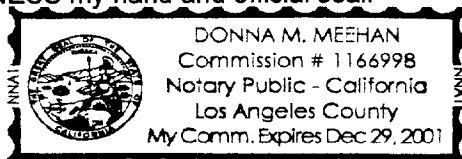
COUNTY OF Los Angeles)

SS:

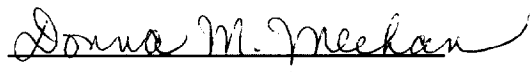
On February 18, 1999 before me, Donna M. Meehan,
a Notary Public in and for said State, personally appeared
Michael N. Ando

☒ 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-970323

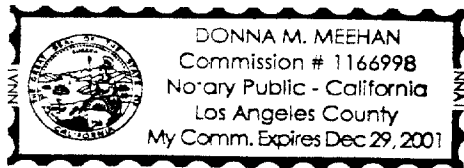
STATE OF California)
COUNTY OF Los Angeles)

SS:

On February 25, 1999, before me, Donna M. Meehan,
a Notary Public in and for said State, personally appeared Rolf Kich

~~X~~ ☐ 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: 03/05/1999

PATENT
REEL: 9809 FRAME: 0568