

10-30-1998

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PATENT
REEL: 9539 FRAME: 0350

Correspondent Name and Address

Area Code and Telephone Number

Name Leonard A. Alkov

Address (line 1) Raytheon Company

Address (line 2) P.O. Box 902 (RE/R11/M365)

Address (line 3) El Segundo, CA 90245-0902

Address (line 4)

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Patent Application Number(s)

Patent Number(s)

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If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number
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PCT PCT PCT
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Number of Properties

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Fee Amount for Properties Listed (37 CFR 3.41): \$

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Deposit Account

Enclosed ☐ Deposit Account ☒

(Enter for payment by deposit account or if additional fees can be charged to the account.)

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50-0616 ✓

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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. Charges to deposit account are authorized, as indicated herein.

Leonard A. Alkov

Name of Person Signing



Signature

October 15, 1998

Date

ASSIGNMENT

RAYTHEON

Page 1 of 2
PD-970090

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) VERTICAL INTERCONNECT CIRCUIT FOR COPLANAR WAVEGUIDES 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, RAYTHEON SYSTEMS COMPANY - WEST COAST (hereinafter referred to as RAYTHEON), 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 RAYTHEON, 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 RAYTHEON, 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 Assistant Commissioner for Patents of the United States and all foreign countries to issue all such Letters Patent to said RAYTHEON, 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 agreement, sale and transfer; and agree to communicate to RAYTHEON, 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 RAYTHEON, 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 RAYTHEON, 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 RAYTHEON, its successors, assigns or other legal representatives.

IN WITNESS WHEREOF, I have executed this instrument.

| | | |
|--------------------------------------|----------------------|--------------------------|
| FULL NAME OF SOLE OR JOINT INVENTOR | INVENTOR'S SIGNATURE | DATE |
| CHENG P. WEN | <i>Cheng P. Wen</i> | <i>July 15, 1998</i> |
| RESIDENCE (CITY AND STATE) | | INVENTION AGREEMENT DATE |
| 27691 TORIJA MISSION VIEJO, CA 92691 | | April 12, 1982 |

| | | |
|-------------------------------------|----------------------|--------------------------|
| FULL NAME OF SOLE OR JOINT INVENTOR | INVENTOR'S SIGNATURE | DATE |
| | | |
| RESIDENCE (CITY AND STATE) | | INVENTION AGREEMENT DATE |
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| FULL NAME OF SOLE OR JOINT INVENTOR | INVENTOR'S SIGNATURE | DATE |
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| RESIDENCE (CITY AND STATE) | | INVENTION AGREEMENT DATE |
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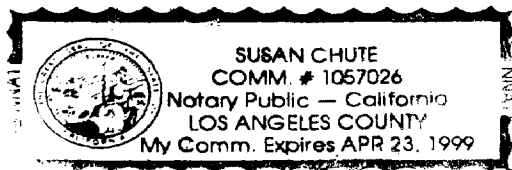
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| RESIDENCE (CITY AND STATE) | | INVENTION AGREEMENT DATE |
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| FULL NAME OF SOLE OR JOINT INVENTOR | INVENTOR'S SIGNATURE | DATE |
| | | |
| RESIDENCE (CITY AND STATE) | | INVENTION AGREEMENT DATE |
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STATE OF California)
COUNTY OF Los Angeles) SS:
On July 15, 1998 before me, Susan Chute, Notary Public
a Notary Public in and for said State, personally appeared Cheng P. Wen

☐ 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

Susan Chute