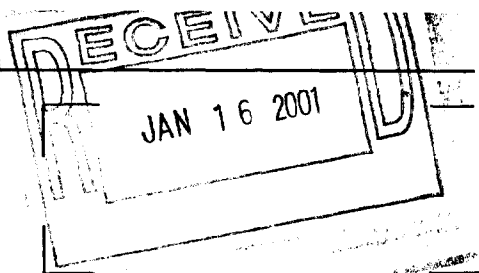


FORM PTO-1619A  
Expires 06/30/99  
OMB 0651-0027



02-02-2001



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Execution Date  
Month Day Year

Name (line 1) CHANG INDUSTRY, INC.

062395

Name (line 2)

Execution Date  
Month Day Year

### Second Party

Name (line 1)

Name (line 2)

06497064

### Receiving Party

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Name (line 1) Government of the United States of America,

Name (line 2) as represented by the Secretary of the Army, The

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Area Code and Telephone Number

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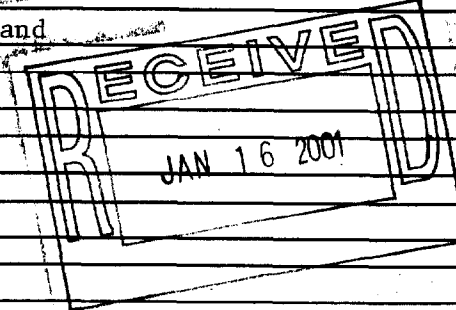
Name U.S. Army Communications-Electronics Command

Address (line 1) ATTN: AMSEL-LG-L (John M. O'Meara, Esq.)

Address (line 2) Fort Monmouth, NJ 07703-5010

Address (line 3)

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## Patent Number(s)

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.

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# 1

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

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John M. O'Meara

Name of Person Signing

Signature

1/11/01

Date

## ASSIGNMENT (Continued)

PRIME CONTRACTOR AND NUMBER: DAAL01-89-C-0934

SUBCONTRACTOR: \_\_\_\_\_

APPLICATION FOR: DUAL-MODE, COMMON-APERTURE ANTENNA SYSTEM

INVENTOR(S): YU-WEN CHANG (ELMER FREIBERGS, LOTHAR WANDINGER)

SERIAL NO: 08/497,064

FILING DATE: 06/30/95

### CONTRACTOR'S ASSIGNMENT

The above-identified Contractor for and in consideration of these premises and for other good and sufficient consideration, the receipt of which is hereby acknowledged, by these presents does sell, assign, and transfer to the United States Government, as represented by the Secretary of the Army and his successors in office:

**ONE:** The entire right, title and interest throughout the United States, its Territories, Possessions, and Puerto Rico, in and to said invention(s) and patent application and in and to any and all Letters Patent granted thereon, as well as divisions, continuations, reissues, and extensions of said application and Letters Patent, the same to be held and enjoyed by the said Government of the United States, to the full end of the term or terms for which Letters Patent are or may be granted, as fully and entirely as the same would have been held or enjoyed by the Contractor had this assignment not been made, subject only to the license, as above recited, which license extends to Contractor and to existing and future associated and affiliated companies, if any, within the corporate structure of which Contractor is a part, and which license is hereby reserved.

**TWO:** The entire right, title and interest, in all foreign countries, in and to said invention(s) and in and to all foreign Letters Patent, subject only to the license, as above recited, which license extends to Contractor and to existing and future associated and affiliated companies, if any, within the corporate structure of which Contractor is a part, and which license is hereby reserved.

**NOTE:** The Contractor may delete this paragraph TWO by crossing it out and initialing in the margin. If paragraph TWO is deleted, the following paragraph then becomes applicable and forms part of this instrument.

Contractor further grants, conveys, and confirms to the Government of the United States, as represented by the Secretary of Army and his successors in office, in consideration of the premises and other good and sufficient consideration, an irrevocable, nonexclusive, and royalty-free license to practice, and cause to be practiced by and for the Government, in all foreign countries, in the manufacture, use and disposition according to law, any article, material, or method embodied in any and all of the inventions (within the scope of the said certain rights) disclosed in the above-identified patent application, as well as in any and all Letters Patent, for the full term or terms thereof, which may eventuate from or be based thereon, the said license (1) being non-transferable, except that the Government has the right to grant sub-licenses to any foreign government or international organization specifically for use in programs established by International Agreements for research, development, or production of weapons or equipment for mutual defense, and (ii) including the practice of the licensed inventions in the manufacture, use, and disposition of any article or material, in the use of any method, or in the performance of any service acquired by or for the Government or with funds derived through the Military Assistance Program of the Government or otherwise through the Government.

**ASSIGNMENT (Continued)**

**PRIME CONTRACTOR AND NUMBER:** DAAL01-89-C-0934

**SUBCONTRACTOR:** \_\_\_\_\_

**APPLICATION FOR:** DUAL-MODE, COMMON-APERTURE ANTENNA SYSTEM

**INVENTOR(S):** YU-WEN CHANG (ELMER FREIBERGS, LOTHAR WANDINGER)

**SERIAL NO:** 08/497,064

**FILING DATE:** 06/30/95

\*\*\*\*\*

Signed for Contractor on 23 June 1995  
DAY MONTH YEAR

Signature of Officer Yu Wen Chang

At La Verne Los Angeles CA  
LOCALITY COUNTY STATE

Yu-Wen Chang  
TYPED NAME

I certify that I am the Secretary of the above-identified Corporation; that the officer who signed this instrument on behalf of the Corporation was then President of the Corporation, acting by authority of its governing body and within the scope of its corporate powers.

Signed on: 23 June 1995  
DAY MONTH YEAR

Signature of Secretary Yu Wen Chang

(Corporate Seal)

Yu-Wen Chang

TYPED NAME

State of CALIFORNIA )

County of Los Angeles )

SS:

On 23 June 1995  
DAY MONTH YEAR

appeared before me Yu Wen Chang

and \_\_\_\_\_ to me well known, and known to be the

PRESIDENT  
(TITLE)

and SECRETARY  
(TITLE)

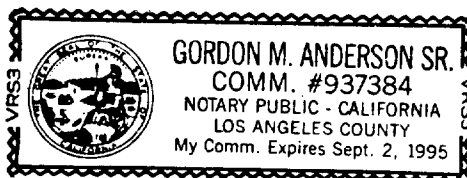
of CHANG INDUSTRY

, a corporation of CALIFORNIA, and affixed their names to  
(STATE)

the foregoing instrument in my presence, and acknowledged the same to be their and said Corporation's free

act and deed.

(SEAL)



Gordon M. Anderson Sr.  
NOTARY PUBLIC

My Commission Expires 9/2/95