| FORM F | TO-1595 |
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| (Rev. 6- | 93) |

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To the Honorable Commissioner of P.

08-30-1999



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SHEET

Our Docket: 21.1896\GMG

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1. Name of conveying party(ies):

Simon CAO

2. Name and address of receiving party(ies):

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3. Nature of conveyance:

| <u>X</u> | Assignment | Merger |
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| | Security Agreement | Change of Name |
| | Other: | |

Execution Date(s): August 20, 1999

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

This document is being filed together with a new application:

- (a) The execution date(s) of the application is/are:
- (b) The title is:

*** OR ***

This document is being filed after filing of the application:

- (a) Patent Application No(s). <u>09/216,984</u>, filed <u>December 21, 1998</u>; or
- (b) Patent No(s). _____, issued _____
- (c) The title is: OPTICAL PHASE CONTROLLER AND OPTICAL SWITCH
- 5. Name and address of party to whom correspondence concerning document should be mailed:

STAAS & HALSEY

Attention: Gene M. Garner II 700 Eleventh Street, N.W.

Suite 500

Washington, D.C. 20001

6. Total number of applications and patents involved: __1_

08/27/1999 MTHAI1 00000193 09216984

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PATENT REEL: 010192 FRAME: 0880 FORM PTO-1595 (Rev. 6-93)

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Page 2

S&H 8/94

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ASSIGNMENT

S&H 12/94

WHEREAS:

(FULL NAME(S) AND POST OFFICE ADDRESS(ES) (including country) OF INVENTOR(S)

| (including country) OF INVENTOR(S) | | | | |
|---|------------------------|---|--|--|
| | Dr. Simon Cao | | | |
| | 2202 Ensenada Way | | | |
| | San M | ateo, California 94403 | | |
| | | fter, referred to as ASSIGNOR), has/have invented certain new and useful improvements in an | | |
| TITLE OF INVENT | TON) | | | |
| | <u>OPTICA</u> | L PHASE CONTROLLER AND OPTICAL SWITCH | | |
| (COMPLETE EITHE (a),(b),(c) or (d) | ĒR | | | |
| | (a) | for which an application for United States Letters Patent is being executed and filed concurrently herewith; | | |
| | (b) | for which an application for United States Letters Patent was executed on; | | |
| | (c) | for which an application for United States Letters Patent was filed on <u>December 21, 1998</u> , and assigned U.S. Serial No. $\underline{09/216,984}$; | | |
| | (d) | for which United States Letters Patent No has issued on | | |
| | WHERE | AS: | | |
| (FULL NAME AND ADDRESS (includion OF ASSIGNEE (if a so state and idention of corporation) | ng countr a corpora | tion, | | |
| | | ex Corporation | | |
| | | 1 Albrae Street | | |
| | | TT 17 T 1 | | |

(hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefor in the United States and in any and all foreign countries.

PATENT REEL: 010192 FRAME: 0882 NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt and sufficiency of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE, its lawful successors and assigns, the full and exclusive right, title and interest to said invention in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, division, continuation-in-part, reexamination, renewal, substitute, extension or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted; and authorize and request the Commissioner of Patents of the United States and any official of any foreign country whose duty it is to issue patents or legal equivalents thereto, to issue same for this invention to ASSIGNEE, its lawful successors and assigns.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS THEREOF, I/We have hereunto set hand and signed on the date indicated below;

SIGNATURE(S)
The signature(s) must correspond with the name(s) of the inventor(s) above.

| INVENTOR(S) | DATE SIGNED | WITNESS(ES) |
|---------------|-------------|--------------|
| Dr. Simon Cao | 8/20/99 | Home & Coner |
| 2) | | |
| 3) | | |
| 4) | | |
| 5) | | |
| 6) | | |