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SUBSTITUTE 05-14-20	01	T		TMENT OF COMMERCE ent and Trademark Office
MAY 0 4 2001 60		<u></u>	10.4.	
To the Honocable Commission 10171647	7O	he attac	hed original documen	ts or copy thereof.
1. Name of conveying parties):	2. Name a	and addr	ess of receiving par	ty(ies):
WAVEFRONT RESEARCH INCORPORATED	United States Air Force			
Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No	Internal Add	dress:	AFMC LO/JAZ	
<ul> <li>Nature of conveyance:</li> <li>□ Assignment</li> <li>□ Security Agreement</li> <li>□ Change of Name</li> <li>□ Other</li> <li>Confirmatory License</li> </ul>	Street Addr	Street Address: 2240 B Street, Room 100		
	City: Wright-Patterson Air Force Base			
EL Culci	State:	Ohio	Zip:	45433-7109
Execution Date(s): January 31, 2001				
☑ This instrument should be recorded on the governmental register in accordance with 37 CFR 7.1(e)(1).	Additional nar	me(s) & ac	idress(es) attached?	]Yes ⊠ <u>No</u>
4. Application number(s) or patent number(s):				ANN ANN SEC
If this document is being filed together with a new application,	the execution	date of th	ne application is:	1 170
A. Patent Application No.(s):	B. Patent	No.(s):		NED 8 2001
09/425,551			'	0,
Additional numbers atta	· nched? □ Ye:	s ⊠ No		4
5. Name and address of party to whom correspondence		umber of	applications and pater	nts involved:
concerning document should be mailed:			1	
Name: Fredric L. Sinder				
Internal Address: AFMC LO/JAZ	7. Total fe	ee (37 C	FR 3.41)\$	0
Street Address: 2240 B Street, Room 100	☐ Er	nclosed	X	Not applicable
			nt to be recorded is CFR 3.41(b)).	s not an instrument
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9. Statement and signature.  To the best of my knowledge and belief, the foregoing in	nformation is	true and	correct and any atta	ached copy is a true
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Fredric L. Sinder  Name of person signing	Signature			April 30, 2001 Date
Total number of pages including cover sheet, at	_	d docum	ent:	

PATENT REEL: 011781 FRAME: 0081 LBR

## **CONFIRMATORY INSTRUMENT**

## Items Marked with an Asterisk (\*) must be Filled in by Contractor

1. NAME OF CONTRACTOR \*

WAVEFRONT RESEARCH, INC.

2. CONTRACT NO. \* F08630-95-C-0095, F08630-97-C-0048. and F08630-98-C-0027

3. TITLE OF INVENTION \*

Relaxed Tolerance Optical Interconnect Systems

4. NAME OF INVENTOR (s) \*

Thomas W. Stone

5. SERIAL NUMBER \* 09/425,551

6. FILING DATE \* 10/22/99

The invention identified above is a "Subject Invention" under the Patent Rights Clause(s) included in Contract No.(s) referenced above with the United States Air Force.

This document is confirmatory of the paid-up license granted to the Government under this contract in this invention, provisional application, patent application, and any resulting patent, and of all other rights acquired by the Government by the referenced clause.

The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application.

(SEAL)\*

BY (Signature of Contractor) \*

TITLE OF CONTRACTOR \*

Thomas W. Stone

President

Wavefront Research, Inc.

**EXECUTION DATE \*** 

31 January 2001

**BUSINESS ADDRESS \*** 

Wavefront Research, Inc. 616 West Broad Street Bethlehem, PA 18018

(Phone: 610-694-9778)

RECORDED: 05/04/2001

**PATENT** REEL: 011781 FRAME: 0082