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To the Honorable Commis... record the attached original documents or copy thereof.

1. Name of conveying party(ies):

TELCORDIA TECHNOLOGIES

7-6-01

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

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

Execution Date(s): 22 MAY 2001☒ This instrument should be recorded on the government register in accordance with 37 CFR 7.1(e)(1).

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

Name: UNITED STATES AIR FORCEInternal Address: AFRL/IFOJStreet Address: 26 ELECTRONIC PARKWAYCity: ROMEState: NEW YORK Zip: 13441-4514

- 6 2001

Additional name(s) & address(es) attached? ☐ Yes ☒ No

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

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s):

09/772,465

B. Patent No.(s):

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: AFRL/IFOJ

Internal Address: \_\_\_\_\_

Street Address: 26 ELECTRONIC PARKWAYCity: ROMEState: NEW YORK ZIP: 13441-4514

6. Total number of applications and patents involved:

17. Total fee (37 CFR 3.41) .....\$ 0☐ Enclosed ☒ Not applicable

The instrument to be recorded is not an instrument affecting title (37 CFR 7.1(e)(2) and (j)).

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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.*JUDITH M. DECKER

Name of person signing

Signature

7/31/01

Date

Total number of pages including cover sheet, attachments, and document:

2

# CONFIRMATORY LICENSE

Application for: Optical Layer Multicasting Using a Single Sub-Carrier Header and a Multicast Switch with Active Header Insertion Via Light Circulation

Inventor(s): Chang, Gee-Kung, Chowdhury, Arshad M., and Ellinas, Georgios

Serial Number: 09/772, 465

Filed: January 30, 2001

Contract No.: F30602-98-C-0216

Contractor: Telcordia Technologies

The invention identified above is a "Subject Invention" under 37 CFR 401.14 or FAR 52.227-12, which are included among the terms of the above-identified contract award with the United States Air Force.

1. The nonexclusive, nontransferable, irrevocable, paid-up license granted to the Federal Government in the invention described in the patent application in any and all divisions, continuations, and continuations-in-part, and in any and all patents and re-issues granted thereon, and of all other rights acquired by the Government by the referenced clause.

2. All other rights acquired by the Government by reason of the above identified contract award and the laws and regulations, which are applicable to the award.

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

Signed this 22nd day of May 2001.

(seal)

Telcordia Technologies  
(Contractor)

Attested:



By: Name: Anthony A. Grant

Title: Legal Analyst