

**PATENT**

12-02-1999



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- New
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Reel # \_\_\_\_\_ Frame # \_\_\_\_\_
- Corrective Document  
Reel # \_\_\_\_\_ Frame # \_\_\_\_\_

**Conveyance Type**

- Assignment
- License
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- Security Agreement
- Change of Name
- Other \_\_\_\_\_

*U.S. Government*

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- Departmental File
- Secret File

Attorney Docket No: 042390.G1421

**Conveying Party (ies)**

Mark if additional names of conveying parties attached

Execution Date  
Month Day Year

Name (1st party) Stanford Telecommunications, Inc.

11/15/99

Name (2nd party) \_\_\_\_\_

Name (3rd party) \_\_\_\_\_

Name (4th party) \_\_\_\_\_

**Receiving Party**

Mark if additional names of receiving parties attached

Name (line 1) Intel Corporation

Name (line 2) 2200 Mission College Blvd.

Address (line 1) A Corporation of Delaware

Address (line 2) \_\_\_\_\_

Address (line 3) Santa Clara California 95052  
City State/Country Zip Code

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

**Domestic Representative Name and Address**

(Complete only if receiving party is not domiciled in the United States)

Enter for the first Receiving Party only.

Name \_\_\_\_\_

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Address (line 3) \_\_\_\_\_

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12/01/1999 TTOM11 00000236 5553064

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280.00 DP

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**PATENT**

REEL: 010404 FRAME: 0016

PATENT

Correspondent Name and Address

Area Code and Telephone Number (408) 720-8300

Name Tarek N. Fahmi

Address (line 1) 12400 Wilshire Blvd., 7th Floor, Los Angeles, California 90025

Address (line 2)

Address (line 3)

Address (line 4)

Pages

Enter the total number of pages of the attached conveyance document.

# 4

Application Number (s) or Patent Number (s)

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number (s)

Patent Number (s)

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

5,553,064  
5,412,352  
5,815,046

5,898,684  
5,349,608  
5,142,487

5,416,799

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 only if a U.S. Application Number has not been assigned.

PCT \_\_\_\_\_ PCT \_\_\_\_\_ PCT \_\_\_\_\_  
PCT \_\_\_\_\_ PCT \_\_\_\_\_ PCT \_\_\_\_\_

Number of Properties

Enter the total number of properties involved.

# 7

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41):

\$ 280.00

Method of Payment:  
Deposit Account

Enclosed  Deposit Account

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

Deposit Account Number: # 02-2666

Authorization to charge additional fees: Yes  No

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.

Tarek N. Fahmi

41,402

11/19/99

Name of Person Signing

Registration No.

Signature

Date

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Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

PATENT

REEL: 010404 FRAME: 0017

## U.S. PATENT ASSIGNMENT

This U.S. Patent Assignment (this "Assignment") is made as of November 15, 1999 by Stanford Telecommunications, Inc., a Delaware corporation ("Assignor"), to Intel Corporation, a Delaware corporation ("Assignee").

### RECITALS

A. Assignor and Assignee have entered into an Asset Purchase Agreement dated as of September 22, 1999 (the "Purchase Agreement"). All capitalized terms used herein but not otherwise defined shall have the meanings set forth in the Purchase Agreement.

B. Assignor owns the patents issued by the United States Patent and Trademark Office and set forth on Exhibit A hereto (the "Patents").

C. Pursuant to the Purchase Agreement, Assignor desires to assign to Assignee all of Assignor's right, title and interest in and to the Patents.

### AGREEMENT

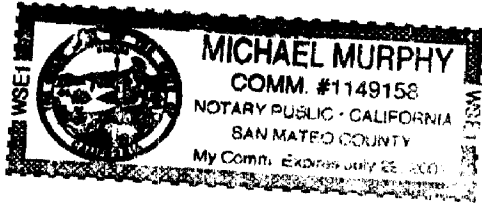
NOW, THEREFORE, in consideration of the foregoing premises, the mutual covenants and agreements contained in the Purchase Agreement and the covenants and agreements in this Assignment and to induce Assignee to consummate the transactions contemplated by the Purchase Agreement, Assignor agrees as follows:

1. Assignor does hereby sell, transfer, convey, assign and deliver to Assignee all of Assignor's right, title and interest in and to the Patents, including any foreign counterparts, divisions, continuations or reissues thereof, the same to be held by Assignee for Assignee's own use and enjoyment, and for the use and enjoyment of Assignee's successors, assigns and other legal representatives, as fully and entirely as the same would have been held and enjoyed by Assignor if this Assignment and sale had not been made; together with all claims for Damages by reason of past infringements of the Patents, along with the right to sue for and collect such Damages for the use and benefit of Assignee and its successors, assigns and other legal representatives.

2. Assignor hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States, and any officer of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of intellectual property protection or applications as aforesaid, to issue the same to Assignee and its successors, assigns and other legal representatives in accordance with the terms of this instrument.

IN WITNESS WHEREOF, Assignee has executed this Assignment on the date first above written.

STANFORD TELECOMMUNICATIONS, INC.



By: \_\_\_\_\_  
Name: Jerome F. Kasper  
Title: CFO / VICE PRESIDENT

[SIGNATURE PAGE TO STANFORD TELECOMMUNICATIONS, INC. U.S. PATENT ASSIGNMENT]

**EXHIBIT A  
TO U.S. PATENT ASSIGNMENT**

<b>Description</b>	<b>Patent Number</b>	<b>Issued Date</b>
High Speed Bidirectional Digital Cable Transmission System.	5,553,064	September 3, 1996
Modulator Having Direct Digital Synthesis for Broadband RF Transmission.	5,412,352	May 2, 1995
Tunable Digital Modulator Integrated Circuit Using Multiplexed D/A Converters.	5,815,046	September 29, 1998
TDMA Burst receiver.	5,898,684	April 27, 1999
Viterbi ACS Unit with Re-normalization.	5,349,608	September 20, 1994
Numerically Controlled Oscillator.	5,142,487	August 25, 1992
Dynamically Adaptive Equalizer System and Method.	5,416,799	May 16, 1995

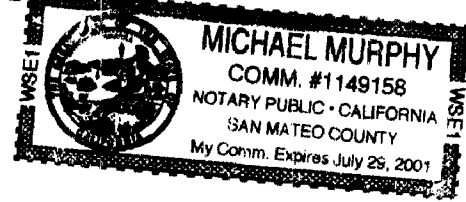
Acknowledgment by Notary Public

State of CALIFORNIA

County of SANTA CLARA

On this 11<sup>TH</sup> day of NOVEMBER 1999, before me, the undersigned Notary Public, personally appeared JEROME F. KLADJ BOR, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he or she executed the same.

Seal: Signature: Michael Murphy



Name: MICHAEL MURPHY, Notary Public

FA993130.001/-1+