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Patent and Trademark Office

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To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

(a) Narendra J. Kulkarni

(b)

(c)

Additional name(s) of conveying party(ies) attached?

Yes  No

**MRD 10-23-98**

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

Name: Next Level Communications

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

\_\_\_\_\_

Street Address: 6085 State Farm Drive

\_\_\_\_\_

City Rohnert Park State CA ZIP 94928

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

3. Nature of Conveyance:

Assignment  Merger

Security Agreement  Change of Name

Other \_\_\_\_\_

Execution Date: January 29, 1998

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) - 29/079,340

Title: Universal Services Access Multiplexer Enclosure

Additional numbers attached?  Yes  No

B. Patent No.(s)

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

Name: David W. Heid

Internal Address: SKJERVEN, MORRILL, MacPHERSON,

FRANKLIN & FRIEL LLP

Street Address: 25 METRO DRIVE, SUITE 700

City SAN JOSE State CA ZIP 95110

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): ..... \$40.00

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8. 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.*

David W. Heid 25,875  
Name of Person Signing

Bernard Bernish # 37,279  
Signature

for David Heid

10/19/98  
Date

Total number of pages comprising cover sheet: 2

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U.S. DEPARTMENT OF COMMERCE  
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To the Honorable Commissioner of Patents and Trademarks, original documents or copy thereof.

1. Name of conveying party(ies):

(a) Narendra J. Kulcarni

(b)

(c)

Additional name(s) of conveying party(ies) attached?

Yes  No

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

Name: Next Level Communications

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

\_\_\_\_\_

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1998 SSNITH 00000014 DAN:192386 29079340  
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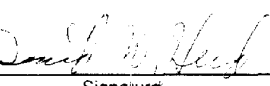
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David W. Heid 25,875

Name of Person Signing



Signature


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Date

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 3/3/98

Attorney for Applicant(s) Date of Signature

**ASSIGNMENT**

For good and valuable consideration, receipt of which is hereby acknowledged, I, Kulkarni, Narendra J., of 8043 Mitchell Drive #9, Rohnert Park, CA 94928, hereby sell, assign and transfer to Next Level Communications, a California corporation, having a place of business at 6085 State Farm Drive, Rohnert Park, CA 94928, its successors and assigns, the entire right, title and interest throughout the world in my invention in

Universal Services Access Multiplexer Enclosure

for which I have filed a United States patent application on May 30, 1997 via U.S. Express Mail (Label No. TB89471337XUS), and refiled on November 12, 1997 via Express Mail (Label No. TB894715514US), and now has Serial No. 29/079,340, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; I authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from me; I agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, its successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and I request the Commissioner of Patents and Trademarks to issue all patents granted for said invention to the above-named assignee, its successors and assigns.

Executed this 29 day of January, 1998

*NJK*

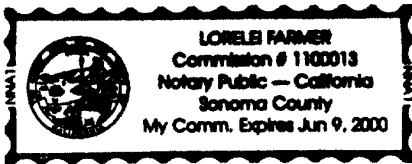
Narendra J. Kulkarni

State of California )  
 ) ss.  
County of Sonoma )

On Jan. 29, 1998 before me, Lorelei Farmer personally appeared Narendra J. Kulkarni personally known to me or proved to me on the basis of satisfactory evidence to be the person(~~s~~) whose name(~~s~~) is(~~are~~) subscribed to the within instrument and acknowledged to me that he/~~she~~/they executed the same in his/~~her~~/their authorized capacity(~~ies~~), and that by his/~~her~~/their signature(~~s~~) on the instrument the person(~~s~~), or the entity upon behalf of which the person(~~s~~) acted, executed the instrument.

WITNESS my hand and official seal.

Lorelei Farmer  
SIGNATURE OF NOTARY



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MAY 15 1998

SKJERVEN, MORRILL, MACPHERSON  
MAY 07, 1998 IN & FRIEL



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\*100662938A\*

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SKJERVEN, MORRILL, MACPHERSON, ET AL.  
DAVID W. HEID  
25 METRO DRIVE  
SUITE 700  
SAN JOSE, CA 95110

UNITED STATES PATENT AND TRADEMARK OFFICE  
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RECORDATION DATE: 03/06/1998

REEL/FRAME: 9022/0354  
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

KULCARNI, NARENDRA J.

DOC DATE: 01/29/1998

ASSIGNEE:

NEXT LEVEL COMMUNICATIONS  
6085 STATE FARM DRIVE  
ROHNERT PARK, CALIFORNIA 94928

SERIAL NUMBER: 29079340

FILING DATE: 11/12/1997

PATENT NUMBER:

ISSUE DATE:

JEEVON JONES, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

DWH  
Status on 5/30/98  
Petition/In on 1/12/98  
J. J. J. 5/15/98  
O.  
FL# 124061

RECORDED: 10/23/1998

PATENT  
REEL: 9392 FRAME: 0030