

05-16-2006

ASSIGNM



HEET

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113238 U.S. PTO  
11/431219



To: Honorable Commissioner of Patents and Trademarks:

MRO F-503

Please record the attached original document(s) or copy thereof.

1. Name of conveying party(ies)

a) **Avadhani SHRIDHAR**

b) **Abhijit SHAH**

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

a) Name: **IKANOS COMMUNICATIONS, INC.**

Address: **47669 Fremont Boulevard, Fremont, CA 94538**

3. Nature of conveyance

- |                                     |                    |                          |                   |
|-------------------------------------|--------------------|--------------------------|-------------------|
| <input checked="" type="checkbox"/> | Assignment         | <input type="checkbox"/> | Merger            |
| <input type="checkbox"/>            | Security Agreement | <input type="checkbox"/> | Change of Name    |
| <input type="checkbox"/>            | Other _____        | <input type="checkbox"/> | License Agreement |

Execution Dates: Avadhani SHRIDHAR and Abhijit SHAH on **May 9, 2006**

4. Application Number(s) or Patent Number(s): Filed Herewith

Filed: **May 9, 2006**

The title of the (new) application is: **Method and Apparatus for an Interleaver**

5. Please send all correspondence concerning this (these) documents to:

**Customer Number: 28436**

**IP Creators  
PO Box 2789  
Cupertino, California 95015  
Telephone (408) 850-9585**


6. Total number of applications and patents involved: 1

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

- Enclosed
- The Commissioner is hereby authorized to charge the above fees and any overpayments or credits to Deposit Account No. 50-1338 (Order No. VELCP053)

8. 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.

Date: May 9, 2006

  
\_\_\_\_\_  
Charles C. Cary  
Registration No. 36,764

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19.00 03

Attorney Docket No. VELCP053

(Revised 01/96)

**PATENT**  
**REEL: 017885 FRAME: 0904**

# ASSIGNMENT OF PATENT APPLICATION

Whereas I/we the undersigned inventor(s) have invented certain new and useful improvements as set forth in the patent application entitled:

## METHOD AND APPARATUS FOR AN INTERLEAVER

(Atty. Docket No.: **VELCP053**) for which I (we) have executed an Application for a United States Letter Patent filed on 05/09/2006 and allocated USSN (N/A).

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We the undersigned inventor(s) hereby:

1) Sell(s), assign(s) and transfer(s) to **IKANOS COMMUNICATIONS, INC.**, a **California** corporation having a place of business at **47669 Fremont Boulevard, Fremont, CA 94538**, (hereinafter referred to as "ASSIGNEE"), the entire right title and interest in any and all improvements and inventions disclosed in, application(s) based upon, and Patent(s) (including foreign patents) granted upon the information which is disclosed in the above referenced application.

2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division(s), continuation(s), substitutes(s) or reissue(s) thereof to the ASSIGNEE.

3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative and applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.

4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon the inventor(s), as well as the inventor's heirs, legal representatives and assigns.

5) Warrant and represent that I/we have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

6) Assignors hereby grant assignee or assignee's designee the right to insert the U.S. Patent Application number and filing date where space is provided above at any time subsequent to the date of the assignor's signature below.

Signed on the date(s) indicated beside my (our) signature(s).

1. Inventor Signature: Avadhani Shridhar

Date: May 09, 2006

Avadhani SHRIDHAR

State of California )

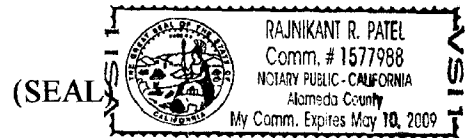
County of ALAMEDA )

ss.

On this NINTH day of MAY-2006, in the year 2006, before me, RAJNIKANT R. PATEL, personally appeared Avadhani SHRIDHAR, 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/~~she~~ executed the same in his/~~her~~ authorized capacity(ies), and that by his/~~her~~ signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Signature Rajnikant R. Patel



2. Inventor Signature: Abhijit Shah

Date: MAY 09, 2006

Abhijit SHAH

State of California )

County of ALAMEDA )

ss.

On this NINTH day of MAY, in the year 2006, before me, RAJNIKANT R. PATEL, personally appeared Abhijit SHAH, 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/~~she~~ executed the same in his/~~her~~ authorized capacity(ies), and that by his/~~her~~ signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Signature Rajnikant R. Patel

(SEAL)

