

**ASSIGNMENT RECORDATION COVER SHEET  
- PATENTS ONLY -**

**BOX ASSIGNMENT**

Hon. Commissioner of Patents  
and Trademarks  
Washington, DC 20231

2.30.01  
04-20-2001

Sir:

101681199

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

## 1. Name of conveying parties:

- a) David R. Dulin
- b) Sanjay Kasturia
- c) Partho Mishra
- d) Arogyaswami J. Paulraj
- e) Matthew S. Peters

## 2. Name and address of receiving parties:

Iospan Wireless, Inc.  
3099 N. First Street  
San Jose, CA 95134

## 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 |

4. Application Number(s) or Patent Number(s): 09/729,886

## 5. Please send all correspondence concerning these documents to:

Brian R. Short, Esq.  
Iospan Wireless, Inc.  
P.O. Box 641867  
San Jose, CA 95164-1867

## 6. Total number of properties involved: 1

7. Total fee (37 CFR 3.41): \$80.00 for recordation of two Assignment documents.  
Charge fees and credit overpayments to Deposit Account 501397.

## 8. To the best of my knowledge and belief, the foregoing information is true and correct, and the attached copy is a true copy of the original document.

Date: March 27, 2001Brian R. Short

Brian R. Short, Esq.  
Reg. No. 41,309

# ASSIGNMENT OF PATENT APPLICATION

(Accompanying Application)

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

## A SYSTEM AND METHOD FOR SYNCHRONIZING DATA TRANSMISSION FROM MULTIPLE WIRELESS BASE TRANSCEIVER STATIONS TO A SUBSCRIBER UNIT

(Atty. Docket No.: P124US1) for which I (we) have executed an application for a United States Letters Patent.

*09/729,886, filed December 4, 2000.*

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 Iospan Wireless, Inc., a Delaware corporation having a place of business at 3099 N. First Street, San Jose, CA 95134 (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) Declare:

That the instant Patent Application is based upon an invention conceived and reduced to practice in whole during the course of my responsibilities at Iospan Wireless Incorporated (GWI).

- a) No more than incidental use of resources other than GWI resources was used in the conception or reduction to practice of the invention.
- b) No part of the conception or reduction to practice of the invention was based upon work performed for any other entity (Corporation or University).

- c) Assigning this invention to GWI is not in conflict with any previously existing contractual obligation with any other entity (Corporation or University).
- d) No information defined as confidential or proprietary by any non-GWI entity (Corporation or University) was used in the conception or reduction to practice of the invention.

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

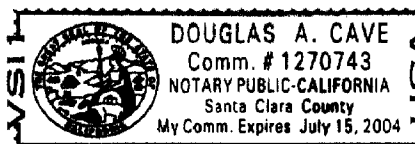
1. **Inventor Signature:** David R. Dulin **Date:** 12-4, 2000  
David R. Dulin

State of California )  
County of Santa Clara ) ss.

On this 4 day of December, in the year 2000, before me, \_\_\_\_\_, Notary Public, personally appeared, **David R. Dulin** 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 D. Cave



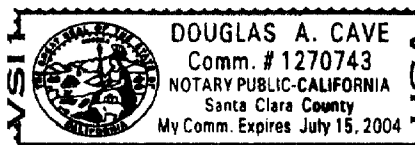
2. **Inventor Signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_, 2000  
Sanjay Kasturia

State of California )  
County of \_\_\_\_\_ ) ss.

On this \_\_\_\_\_ day of \_\_\_\_\_, in the year 2000, before me, \_\_\_\_\_, Notary Public, personally appeared **Sanjay Kasturia**, 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 \_\_\_\_\_



3. Inventor Signature: Partho Mishra

Date: 1-24, 2000

State of California

County of Santa Clara

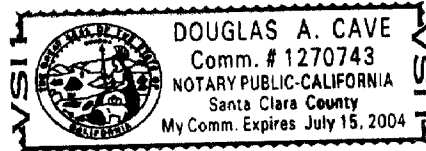
ss.

Partho Mishra

On this \_\_\_\_\_ day of December, in the year 2000, before me, \_\_\_\_\_, Notary Public, personally appeared **Partho Mishra**, 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 DA Cave



4. Inventor Signature: Arogyaswami J. Paulraj

Date: 3-6, 2000

State of California

County of Santa Clara

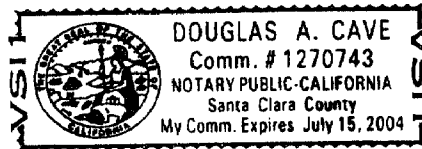
ss.

Arogyaswami J. Paulraj

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WITNESS my hand and official seal.

Notary Signature DA Cave



5. Inventor Signature: Matthew S. Peters

Date: 12/4, 2000

State of California

County of Santa Clara

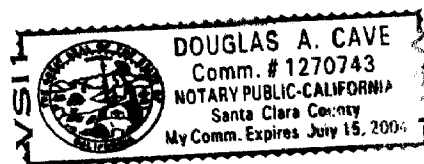
ss.

Matthew S. Peters

On this \_\_\_\_\_ day of December, in the year 2000, before me, \_\_\_\_\_, Notary Public, personally appeared **Matthew S. Peters**, 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 DA Cave



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(Accompanying Application)

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

1. **Inventor Signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_, 2000  
David R. Dulin

State of California )  
 )  
County of \_\_\_\_\_ ) ss.

On this \_\_\_\_\_ day of \_\_\_\_\_, in the year 2000, before me, \_\_\_\_\_, Notary Public, personally appeared, **David R. Dulin** 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 \_\_\_\_\_

2. **Inventor Signature:** \_\_\_\_\_ **Date:** Feb 20, 2000  
Sanjay Kasturia

State of California )  
 )  
County of \_\_\_\_\_ ) ss.

On this \_\_\_\_\_ day of \_\_\_\_\_, in the year 2000, before me, \_\_\_\_\_, Notary Public, personally appeared **Sanjay Kasturia**, 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 \_\_\_\_\_

3. **Inventor Signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_, 2000

Partho Mishra

State of California )  
)  
County of \_\_\_\_\_ ) ss.

On this \_\_\_\_\_ day of \_\_\_\_\_, in the year 2000, before me, \_\_\_\_\_, Notary Public, personally appeared **Partho Mishra**, 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 \_\_\_\_\_

4. **Inventor Signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_, 2000

Arogyaswami J. Paulraj

State of California )  
)  
County of \_\_\_\_\_ ) ss.

On this \_\_\_\_\_ day of \_\_\_\_\_, in the year 2000, before me, \_\_\_\_\_, Notary Public, personally appeared **Arogyaswami J. Paulraj**, 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 \_\_\_\_\_

5. **Inventor Signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_, 2000

Matthew S. Peters

State of California )  
)  
County of \_\_\_\_\_ ) ss.

On this \_\_\_\_\_ day of \_\_\_\_\_, in the year 2000, before me, \_\_\_\_\_, Notary Public, personally appeared **Matthew S. Peters**, 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 \_\_\_\_\_