FORM PTO-1595 (Rev. 3/01)

R

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

Name of conveying party(ies): IOSPAN WIRELESS, INC	5.5.03	Name and address of receiving party(les): Name: INTEL CORPORATION		
Additional name(s) of conveying part ■ No □Yes	y(ies) attached?	Internal Address:		
3. Nature of Conveyance		Street Address: 2200 Mission College Blvd.		
Assignment	☐ Merger			
Security Agreement	☐ Change of Name	City: Santa Clara State/Provence: CA Zip: 9505		
Other:		Country: U.S.A.		
Execution Date(s): September 1	8, 2002	Additional name(s) & address(es) attached?		
 Application Number(s) or patent If this document is being filed to 		tion, the execution date of the application is:		
A. Patent Application No.(s)		B. Patent No.(s)		
	Additional numbers	6.442.214 attached? ☐ Yes ■ No		
Name and address of party to w concerning document should be	hom correspondence	6. Total number of applications and patents involved: 1		
Michael Proksch				
Name: Blakely, Sokoloff, Taylor & Zafman LLP Internal Address:		7. Total Fee (37 CFR 3.41)\$40.00 Enclosed		
Street Address: 12400 Wilshire I	Boulevard, 7 th Floor	Authorized to be charged to deposit account		
City: Los Angeles State: Califo	ornia Zip: <u>90025</u>	8. Deposit Account Number:		
		02-2666		
		(Attach duplicate copy of this page if paying by deposit account		
	DO NOT U	JSE THIS SPACE		
Statement and signature. To the best of my knowledge and beddocument	lieve, the foregoing is true	and correct and any attached copy is a true copy of the original		
John Patrick Ward Reg.No.40,21 Name of Person Signing		Mul 4/17/03 gnature Date		
	11	ver sheet, attachments, and document: 6.		
	nber of pages ingluding co			
Total num Mail docu	ments to be recorded w	vith required cover sheet information to:		
Total num Mail docu	ments to be recorded w	r of Patents, Box Assignments on, D.C. 20231		
Total num Mail docu	ments to be recorded w	r of Patents, Box Assignments on, D.C. 20231		
Total num Mail docu	ments to be recorded w	r of Patents, Box Assignments on, D.C. 20231		

PATENT

REEL: 014027 FRAME: 0271

LEGAL DEPT.

U.S. PATENT ASSIGNMENT

This U.S. Patent Assignment (this "Assignment") is made as of September 18, 2002, by **Iospan Wireless, 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 18, 2002 (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:

- 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.
- 3. Assignor hereby covenants with Assignee and the successors and permitted assigns of Assignee that, from time to time after the date hereof, Assignor will promptly execute and deliver to Assignee or shall promptly procure the execution and delivery of any and all such instruments of sale, transfer, conveyance, assignment and delivery, consents, assurances, powers

PATENT REEL: 014027 FRAME: 0272 of attorney and other instruments as may reasonably be requested by Assignee in order to vest in Assignee all of Assignor's right, title and interest in and to the Patents and carry out the purpose and intent of this Assignment and the Purchase Agreement.

PATENT REEL: 014027 FRAME: 0273 IN WITNESS WHEREOF, Assignor has executed this Assignment on the date first above written.

IOSPAN WIRELESS, INC.

By:

Name: Levent Gu

Title: President and Chief Executive Officer

[SIGNATURE PAGE TO U.S. PATENT ASSIGNMENT]

PATENT

REEL: 014027 FRAME: 0274

EXHIBIT A

		, 		
Patent No.	Title	Inventor	Issued Date	Serial No.
6,067,290	Spatial Multiplexing in a	Paulraj, Heath,	5/23/00	09/364,146
, ,	Cellular Network	Sebastian,		
		Gesbert		
6,377,636	Method And Wireless	Paulraj,	4/23/00	09/432,295
·	Communications Systems	Sebastian,		
	For Interference Mitigation	Tellado, Heath	;	
6,351,499	Method And Wireless	Paulraj,	2/26/02	09/464,372
	Systems Using Multiple	Sebastian,		
	Antennas And Adaptive	Gesbert,		
	Control For Maximizing A	Tellado		
	Communication Parameter			
6,377,632	Wireless Communication	Sebastian,	4/23/02	09/490,698
	System And Method Of	Tellado,		
	Using Stochastic Space-	Heath, Talwar,		
	Time / Frequency Division	Bolcskei		
	Multiplexing			
6,377,819	Wireless Communication	Gesbert,	4/23/02	09/544,621
	System Using Combined	Sebastian,		
	Transmit And Receive	Paulraj		
	Processing		·	
6,442,214	A Diversity Transmitter	Bolcskei,	8/27/02	09/574,498
	Based On Linear Transform	Sebastian,	Н	}
	Processing Of Transmitted	Talwar, Paulraj		
	Information			
6,298,092	Methods Of Controlling	Heath,	10/2/01	09/585,948
	Communication Parameters	Sebastian,]
	Of Wireless Systems	Paulraj		
6,400,699	A Transmission Scheduler	Airy, Al-	6/4/02	09/660,246
	For A Multiple Antenna	Dabagh,		
	Wireless Cellular Network	Tellado,		
		Mishra, Fan,		
		Sebastian,		
		Paulraj		

PATENT REEL: 014027 FRAME: 0275

Acknowledgment by Notary Public

State of California	
County of <u>Santa</u> Clara	
personally appeared <u>Leven</u>	spt, 2002 before me, the undersigned Notary Public, the Control of the person whose name is subscribed to the within the that he or she executed the same.
Seal:	Signature: ////////////////////////////////////
1	Name: M. M., Notary Public
FORTUNA B. MIRAFLOR Commission # 1213405 Notary Public - California Santa Clara County My Comm. Expires Mar 18, 2003	

[ACKNOWLEDGMENT OF U.S. PATENT ASSIGNMENT] PATENT

RECORDED: 05/05/2003 REEL: 014027 FRAME: 0276