

04-18-2000

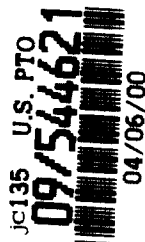
Attorney Docket No: GWI-104

*MKD  
4.6.00*



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HEET  
TENT



To the Hon. Commissioner of Patents and Trademarks:

Please record the enclosed copy of an assignment document. Relevant assignment data are as follows:

1. Assignors:

**David Gesbert**  
180 Beatrice Street  
Mountain View, CA 94041

**Peroor K. Sebastian**  
262 Higdon Avenue #4  
Mountain View, CA 94041

**Arogyaswami J. Paulraj**  
59 Peter Coutts Hill  
Stanford, CA 94305

2. Assignee:

*09/544621*

**Gigabit Wireless, Inc.**  
3099 North 1<sup>st</sup> Street  
San Jose, CA 95134

3. Execution Date of Assignment of Entire Interest in Patent Application: 5 April 2000

4. Execution Date of Declaration for Patent Application: 5 April 2000

4A. Patent Application No.:

4B. Patent Number:

5. Correspondence address: Marek Alboszta  
LUMEN  
426 Lowell Avenue  
Palo Alto, CA 94301

4/17/2000 MPEOPLES 00000031039468  
4A FC:581 40.00 DP

6. Total Number of applications and Patents involved: 1

7. Total fee (37 CFR 3.41): \$40

8. Statement and signature:

To the best of my knowledge and belief, the information contained herein is true and correct, and any attached copy is a true copy of the original document.

*Marek Alboszta*  
Marek Alboszta  
Reg. No. 39,894

Date: *6 April 2000*  
telephone: (650) 321-6630

Total number of pages including cover sheet, attachments, and document: 4

**ASSIGNMENT**

THIS ASSIGNMENT, by

**David J. Gesbert, Peroor K. Sebastian, Arogyaswami J. Paulraj**

(hereinafter referred to as the Assignors), residing at **Mountain View, California; Mountain View, California; and Palo Alto, California**, respectively, witnesseth:

WHEREAS, said Assignors have invented certain new and useful improvements in

**Wireless Communication System Using Joined Transmit and Receive Processing**

for which application no. 09/490,698 filed 1/24/00 for Letters Patent

WHEREAS,

**Gigabit Wireless, Inc.**

(hereinafter referred to as the Assignee), a body having corporate powers under the laws of the state of **CALIFORNIA, SAN JOSE, CALIFORNIA 95134**, is desirous of obtaining the entire right, title and interest in and to said inventions and said application for Letters Patent, and in and to any Letters Patent, United States or foreign, to be obtained therefor and thereon;

WHEREAS, said Assignors and said Assignee have executed an agreement entitled "Agreement Concerning Rights in Invention."

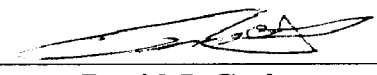
NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and for other good and sufficient considerations, the receipt of which is hereby acknowledged:

1. The Assignors have sold, assigned, transferred and set over, and do hereby sell, assign, transfer and set over unto said Assignee, the entire right, title and interest in, to and under said inventions; said application for Letters Patent; any Letters Patent which may be granted for said inventions in the United States of America and any foreign country; any division, continuation, and continuation-in-part of said application; any reissue or extension of said Letters Patent; and all rights under the International Convention for the Protection of Industrial Property; said right, title and interest to be held and enjoyed by said Assignee for its own use and behoove to the full end of the term for which Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by the Assignors, had this sale and assignment not been made.
2. Said Assignors hereby jointly and severally warrant and represent that, at the time of execution and delivery of these presents, said Assignors are the joint and lawful owners of the entire right, title and interest in and to said inventions and said application for Letters Patent, and that the same have not entered into any assignment, contract or understanding in conflict herewith.
3. Said Assignors hereby jointly and severally covenant and agree to assist and cooperate with said Assignee, whereby said Assignee may enjoy to the fullest extent said right, title and interest herein conveyed, provided, however, that the entire expense which may be incurred by said Assignors in lending such assistance and cooperation be paid by Assignee. Such cooperation shall include: (a) prompt execution of all papers (prepared at the expense of Assignee) which are deemed necessary or desirable by Assignee to perfect said right, title and interest herein conveyed, (b) prompt execution of all petitions, oaths, specifications, declarations and other papers (prepared at the expense of Assignee) which are deemed necessary or desirable by Assignee for filing or prosecuting in the United States or any foreign country said application, any application which is a division, continuation, or continuation-in-part of said application, any reissue application for any Letters Patent granted on said application, or for any interference proceeding involving said application or Letters Patent granted thereon; and (c) prompt assistance and cooperation in the prosecution of all legal proceedings involving said inventions, said application, or Letters Patent granted thereon, including oppositions, cancellation proceedings, priority contests, public use proceedings and court actions.
4. The terms, covenants and conditions of this Assignment shall inure to the benefit of said Assignee, its successors, assigns and/or other legal representatives, and shall be binding upon said Assignors, their heirs, legal representatives and assigns.

5. The terms, covenants and conditions of this Assignment are subject to the payment of royalty by Assignee to Assignors in accordance with the provisions of said Agreement Concerning Rights in Invention.

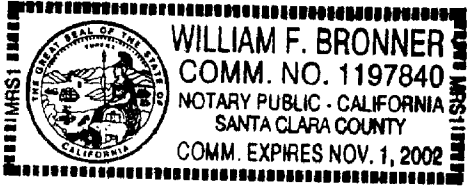
6. Said Assignors hereby request the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States to said Assignee as the assignee of said inventions.

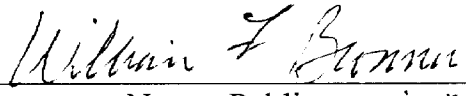
IN WITNESS WHEREOF said Assignors have executed and delivered this instrument on the respective dates noted below.

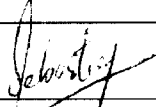
Date: 04/05/2000 \_\_\_\_\_  
  
**David J. Gesbert**

State: CALIFORNIA County: SANTA CLARA

Subscribed and sworn to before me on this 5<sup>TH</sup> day of APRIL, 2000

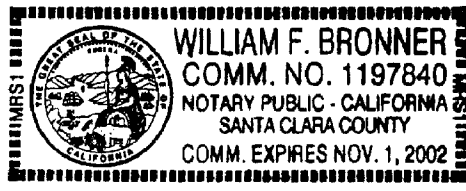


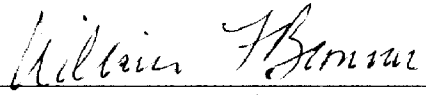
  
Notary Public William F. Bronner

Date: 04/05/2000 \_\_\_\_\_  
  
**Peróor K. Sebastian**

State: CALIFORNIA County: SANTA CLARA

Subscribed and sworn to before me on this 5<sup>TH</sup> day of APRIL, 2000

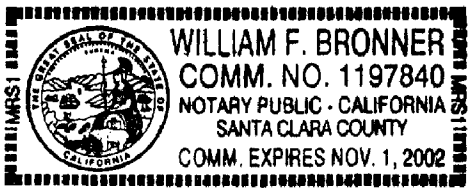


  
William F. Bronner Notary Public

Date: 4/5/2000 \_\_\_\_\_  
*[Signature]*  
**Arogyaswami J. Paulraj**

State: CALIFORNIA County: SANTA CLARA

Subscribed and sworn to before me on this 5<sup>TH</sup> day of APRIL, 2000



*[Signature]*  
\_\_\_\_\_  
Notary Public WILLIAM F. BRONNER