

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT								
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT								
<b>CONVEYING PARTY DATA</b>									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Kirk B. Ashby</td> <td>04/11/2000</td> </tr> <tr> <td>Albert H. Taddiken</td> <td>04/11/2000</td> </tr> <tr> <td>S. Vincent Birleson</td> <td>04/11/2000</td> </tr> </tbody> </table>		Name	Execution Date	Kirk B. Ashby	04/11/2000	Albert H. Taddiken	04/11/2000	S. Vincent Birleson	04/11/2000
Name	Execution Date								
Kirk B. Ashby	04/11/2000								
Albert H. Taddiken	04/11/2000								
S. Vincent Birleson	04/11/2000								
<b>RECEIVING PARTY DATA</b>									
<b>Name:</b>	Microtune, Inc.								
<b>Street Address:</b>	2540 East Plano Parkway, Ste 188								
<b>City:</b>	Plano								
<b>State/Country:</b>	TEXAS								
<b>Postal Code:</b>	75074								
<b>PROPERTY NUMBERS Total: 1</b>									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12140709</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12140709				
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Application Number:	12140709								
<b>CORRESPONDENCE DATA</b>									
Fax Number:	(214)855-8200								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	2148557482								
Email:	jdavidoff@fulbright.com								
Correspondent Name:	R. Ross Viguet								
Address Line 1:	2200 Ross Avenue, Ste 2800								
Address Line 2:	(JLD)								
Address Line 4:	Dallas, TEXAS 75201								
<b>ATTORNEY DOCKET NUMBER:</b>	49581/P024C1C1/10808057								
<b>NAME OF SUBMITTER:</b>	R. Ross Viguet								

Total Attachments: 2  
 source=MicrotuneP024C1C1asn#page1.tif

**500670229**

**PATENT**  
**REEL: 021650 FRAME: 0123**

**OP \$40.00 12140709**



When recorded please return to:

David H. Tannenbaum  
Fulbright & Jaworski L.L.P.  
2200 Ross Avenue, Suite 2800  
Dallas, Texas 75201

PATENT

Attorney Docket No. 049581-P024US-10006096

### ASSIGNMENT

**WHEREAS**, we, the undersigned inventors, of residence as listed, having invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made, said application having been executed on the date set forth below; and

**WHEREAS**, Microtune, Inc., having a principal place of business located at 2540 East Plano Parkway, Suite 188, Plano, Texas 75074 (herein called "Assignee"), desires to acquire our entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon;

**NOW, THEREFORE**, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we assign to Assignee, all right, title and interest in and to said invention and in and to said application and all patents which may be granted therefor, and all divisions, reissues, continuations, continuations-in-part and extensions thereof; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as our interest is concerned, to Assignee.

We also assign to Assignee, all right, title and interest to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and we further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in Assignee.

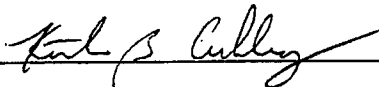
We will communicate to Assignee any facts known to us respecting any improvements; and, at the expense of Assignee, we will testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make lawful oaths and declarations, and generally do everything possible to vest title in Assignee and to aid Assignee to obtain and enforce proper protection for said invention in all countries.

This Assignment shall be binding on the parties' successors, assigns and legal representatives.

Title of Invention: **SYSTEM AND METHOD FOR FREQUENCY TRANSLATION USING AN IMAGE REJECT MIXER**

Full name of sole or first Inventor: Kirk B. Ashby

Inventor's signature



Country of Citizenship: U.S.A.

Date of Assignment: 11 April 2000

Date Application Executed: 11 April 2000

Residence 1607 Crown Point Road, McKinney, TX 75070

Post Office Address: 1607 Crown Point Road, McKinney, TX 75070

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Dallas, Texas 75201

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Attorney Docket No. 049581-P024US-10006096

Full name of second Inventor, if any: Albert H. Taddiken

Inventor's signature



Country of Citizenship: U.S.A.

Date of Assignment:

4/11/00

Date Application Executed:

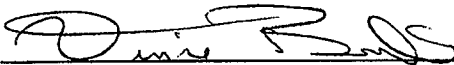
4/11/00

Residence 1406 Red Oak Circle, Farmersville, TX 75442

Post Office Address: 1406 Red Oak Circle, Farmersville, TX 75442

Full name of third Inventor, if any: S. Vincent Birleson

Inventor's signature



Country of Citizenship: U.S.A.

Date of Assignment:

4/11/00

Date Application Executed:

4/11/00

Residence 301 Lakeside Drive, West Tawakoni, TX 75474

Post Office Address: 301 Lakeside Drive, West Tawakoni, TX 75474

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RECORDED: 10/08/2008

REEL: 021650 FRAME: 0126