

PATENT ASSIGNMENT

Electronic Version v1.1  
Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT																														
NATURE OF CONVEYANCE:	MERGER																														
EFFECTIVE DATE:	12/31/2010																														
CONVEYING PARTY DATA																															
<table border="1"><tr><td>Name</td><td>Execution Date</td></tr><tr><td>MICROTUNE (TEXAS), L.P.</td><td>12/17/2010</td></tr></table>		Name	Execution Date	MICROTUNE (TEXAS), L.P.	12/17/2010																										
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RECEIVING PARTY DATA																															
<table border="1"><tr><td>Name:</td><td>MICROTUNE (LP), L.L.C.</td></tr><tr><td>Street Address:</td><td>2201 10th Street</td></tr><tr><td>City:</td><td>Plano</td></tr><tr><td>State/Country:</td><td>TEXAS</td></tr><tr><td>Postal Code:</td><td>75074-8019</td></tr></table>		Name:	MICROTUNE (LP), L.L.C.	Street Address:	2201 10th Street	City:	Plano	State/Country:	TEXAS	Postal Code:	75074-8019																				
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Postal Code:	75074-8019																														
PROPERTY NUMBERS Total: 133																															
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Patent Number:</td><td>5737035</td></tr><tr><td>Patent Number:</td><td>7274410</td></tr><tr><td>Patent Number:</td><td>7453527</td></tr><tr><td>Patent Number:</td><td>7746412</td></tr><tr><td>Application Number:</td><td>12826498</td></tr><tr><td>Patent Number:</td><td>5625325</td></tr><tr><td>Patent Number:</td><td>5739730</td></tr><tr><td>Patent Number:</td><td>5648744</td></tr><tr><td>Patent Number:</td><td>5717730</td></tr><tr><td>Patent Number:</td><td>7444126</td></tr><tr><td>Patent Number:</td><td>5805988</td></tr><tr><td>Patent Number:</td><td>6144402</td></tr><tr><td>Patent Number:</td><td>6725463</td></tr><tr><td>Patent Number:</td><td>7707617</td></tr></tbody></table>		Property Type	Number	Patent Number:	5737035	Patent Number:	7274410	Patent Number:	7453527	Patent Number:	7746412	Application Number:	12826498	Patent Number:	5625325	Patent Number:	5739730	Patent Number:	5648744	Patent Number:	5717730	Patent Number:	7444126	Patent Number:	5805988	Patent Number:	6144402	Patent Number:	6725463	Patent Number:	7707617
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PATENT  
REEL: 025782 FRAME: 0065

Patent Number:	5847612
Patent Number:	6177964
Patent Number:	7079195
Application Number:	12464759
Patent Number:	6163684
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Patent Number:	7783272
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Patent Number:	7813707
Patent Number:	7636559
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Application Number:	12101649
Application Number:	11833087
Application Number:	12368411
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Application Number:	12944563
Application Number:	12945494
Application Number:	12944540
Application Number:	12945584
Application Number:	12946625

#### CORRESPONDENCE DATA

Fax Number: (214)855-8200

*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*

Phone: 214-855-8000

Email: cholland@fulbright.com

Correspondent Name: Nathan Rees

Address Line 1: 2200 Ross Avenue, Suite 2800

Address Line 2: Fulbright & Jaworski L.L.P.

Address Line 4: Dallas, TEXAS 75201

ATTORNEY DOCKET NUMBER:	09604907
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NAME OF SUBMITTER:	Nathan Rees
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#### Total Attachments: 8

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# Delaware

PAGE 1

*The First State*

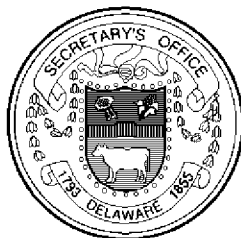
I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF MERGER, WHICH MERGES:

"MICROTUNE (TEXAS), L.P.", A TEXAS LIMITED PARTNERSHIP,  
WITH AND INTO "MICROTUNE (LP), L.L.C." UNDER THE NAME OF  
"MICROTUNE (LP), L.L.C.", A LIMITED LIABILITY COMPANY ORGANIZED  
AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS  
RECEIVED AND FILED IN THIS OFFICE THE TWENTY-NINTH DAY OF  
DECEMBER, A.D. 2010, AT 8:32 O'CLOCK A.M.

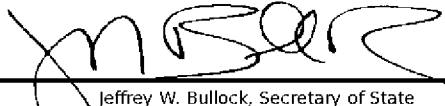
AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF  
THE AFORESAID CERTIFICATE OF MERGER IS THE THIRTY-FIRST DAY OF  
DECEMBER, A.D. 2010, AT 10 O'CLOCK A.M.

3332161 8100M

101241717



You may verify this certificate online  
at [corp.delaware.gov/authver.shtml](http://corp.delaware.gov/authver.shtml)

  
Jeffrey W. Bullock, Secretary of State  
AUTHENTICATION: 8459263

DATE: 12-29-10

PATENT  
REEL: 025782 FRAME: 0070

**CERTIFICATE OF MERGER**

**OF**

**MICROTUNE (TEXAS), L.P.**

**INTO**

**MICROTUNE (LP), L.L.C.**

The undersigned limited liability company DOES HEREBY CERTIFY that, pursuant to Title 6, Section 18-209 of the Delaware Limited Liability Company Act, the undersigned limited liability company executed the following Certificate of Merger:

**FIRST:** That the name and state of formation of each of the constituent entities of the merger is as follows:

NAME	STATE OF FORMATION (ENTITY TYPE)
Microtune (LP), L.L.C.	Delaware (limited liability company)
Microtune (Texas), L.P.	Texas (limited partnership)

**SECOND:** That an Agreement and Plan of Merger between the parties to the merger has been approved, adopted, certified, executed and acknowledged by each of the constituent entities in accordance with the requirements of Section 18-209 of the Delaware Limited Liability Company Act.

**THIRD:** That the name of the surviving limited liability company of the merger is Microtune (LP), L.L.C., a Delaware limited liability company.

**FOURTH:** That the Certificate of Formation of Microtune (LP), L.L.C., a Delaware limited liability company, which is surviving the merger, shall be the Certificate of Formation of the surviving limited liability company.

**FIFTH:** That the executed Agreement and Plan of Merger is on file at 2201 10<sup>th</sup> Street, Plano, Texas 75074, the principal place of business of the surviving limited liability company.

**SIXTH:** That a copy of the Agreement and Plan of Merger will be furnished by the surviving limited liability company on request, without cost, to any member of the limited liability company or any person holding an interest in any other business entity which is to merge or consolidate.

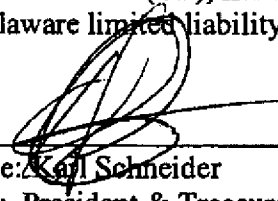
**SEVENTH:** That the merger will become effective on December 31, 2010 at 10:00 a.m. Eastern Time.

Dated: December 17, 2010

IN WITNESS WHEREOF, said surviving limited liability company has caused this certificate to be signed by an authorized person on the date first written above.

**MICROTUNE (LP), L.L.C.,**  
a Delaware limited liability company



By:   
Name: Karl Schneider  
Title: President & Treasurer

[Signature page to Certificate of Merger (DE)]

PATENT  
REEL: 025782 FRAME: 0072

Handwritten initials or a signature in the bottom right corner of the page.





## Office of the Secretary of State

### CERTIFICATE OF MERGER

The undersigned, as Secretary of State of Texas, hereby certifies that a filing instrument merging

MICROTUNE(TEXAS), L.P.  
Domestic Limited Partnership (LP)  
[File Number: 14407610]

Into

Microtune (LP), LLC  
Foreign Limited Liability Company (LLC)  
Delaware, USA  
[Entity not of Record, Filing Number Not Available]

has been received in this office and has been found to conform to law.

Accordingly, the undersigned, as Secretary of State, and by the virtue of the authority vested in the secretary by law, hereby issues this certificate evidencing the acceptance and filing of the merger on the date shown below.

Dated: 12/29/2010

Effective: 12/31/2010 09:00 am



A handwritten signature in black ink, appearing to read "Hope Andrade".

Hope Andrade  
Secretary of State

**Form 622****(Revised 12/08)**

Return in duplicate to:

Secretary of State

P.O. Box 13697

Austin, TX 78711-3697

512 463-5555

FAX: 512 463-5709

**Filing Fee: see instructions****Certificate of Merger  
Combination Merger  
Business Organizations Code**

This space reserved for office use.

**FILED**  
In the Office of the  
Secretary of State of Texas

DEC 29 2010

**Corporations Section****Parties to the Merger**

Pursuant to chapter 10 of the Texas Business Organizations Code, and the title applicable to each domestic filing entity identified below, the undersigned parties submit this certificate of merger.

The name, organizational form, state of incorporation or organization, and file number, if any, issued by the secretary of state for each organization that is a party to the merger are as follows:

**Party 1**Microtune (LP), L.L.C.

Name of Organization

The organization is a limited liability company

Specify organizational form (e.g., for-profit corporation)

It is organized under the laws of

DEUSA

State

Country

The file number, if any, is N/A

Texas Secretary of State file number

Its principal place of business is 2201 10<sup>th</sup> Street

Address

Plano

City

TX

State

☒ The organization will survive the merger.☐ The organization will not survive the merger.☐ The plan of merger amends the name of the organization. The new name is set forth below.

Name as Amended

**Party 2**Microtune (Texas), L.P.

Name of Organization

The organization is a limited partnership

Specify organizational form (e.g., for-profit corporation)

It is organized under the laws of

TXUSA

State

Country

The file number, if any, is 0014407610

Texas Secretary of State file number

Its principal place of business is 2201 10<sup>th</sup> Street

Address

Plano

City

TX

State

☐ The organization will survive the merger.☒ The organization will not survive the merger.☐ The plan of merger amends the name of the organization. The new name is set forth below.

Name as Amended

**Party 3**N/A

Name of Organization

Form 622

Signature page to Certificate of Merger  
(Texas)

Specify organizational form (e.g., for-profit corporation)

The file number, if any, is

*Texas Secretary of State file number*

*Address*

City

State

- Name as Amended

*If the plan of merger is not attached, the following statements must be completed.*

### Alternative Statements

**In lieu of providing the plan of merger, each domestic filing entity certifies that:**

1. A signed plan of merger is on file at the principal place of business of each surviving, acquiring, or new domestic entity or non-code organization that is named in this form as a party to the merger or an organization created by the merger.
2. On written request, a copy of the plan of merger will be furnished without cost by each surviving, acquiring, or new domestic entity or non-code organization to any owner or member of any domestic entity that is a party to or created by the plan of merger and, if the certificate of merger identifies multiple surviving domestic entities or non-code organizations, to any creditor or obligee of the parties to the merger at the time of the merger if a liability or obligation is then outstanding.

*Complete item 3B if the merger effected changes to the certificate of formation of a surviving filing entity.*

- 3A. No amendments to the certificate of limited partnership of any surviving filing entity that is a party to the merger are effected by the merger.

- 3B. ☐ The plan of merger effected changes or amendments to the certificate of formation of:

N/A

Name of filing entity effecting amendments

The changes or amendments to the filing entity's certificate of formation, other than the name change noted previously, are stated below.

Amendment Text Area

#### 4. Organizations Created by Merger

The name, jurisdiction of organization, principal place of business address, and entity description of each entity or other organization to be created pursuant to the plan of merger are set forth below. The certificate of formation of each new domestic filing entity to be created is being filed with this certificate of merger.

N/A	N/A	N/A
Name of New Organization 1	Jurisdiction	Entity Type (See instructions)
N/A	N/A	N N/A
Principal Place of Business Address	City	State Zip Code
N/A	N/A	N/A
Name of New Organization 2	Jurisdiction	Entity Type (See instructions)
N/A	N/A	N N/A
Principal Place of Business Address	City	State Zip Code
N/A	N/A	N/A
Name of New Organization 3	Jurisdiction	Entity Type (See instructions)
N/A	N/A	N N/A
Principal Place of Business Address	City	State Zip

#### Approval of the Plan of Merger

The plan of merger has been approved as required by the laws of the jurisdiction of formation of each organization that is a party to the merger and by the governing documents of those organizations.

☐ The approval of the owners or members of \_\_\_\_\_  
Name of domestic entity  
was not required by the provisions of the BOC.

#### Effectiveness of Filing (Select either A, B, or C.)

A. ☐ This document becomes effective when the document is accepted and filed by the secretary of state.

B. ☒ This document becomes effective at a later date, which is not more than ninety (90) days from the date of signing. The delayed effective date is: December 31, 2010 at 9:00 a.m. Central Time

C. ☐ This document takes effect on the occurrence of the future event or fact, other than the passage of time. The 90<sup>th</sup> day after the date of signing is: \_\_\_\_\_

The following event or fact will cause the document to take effect in the manner described below:

## Tax Certificate

- ☐ Attached hereto is a certificate from the comptroller of public accounts that all taxes under title 2, Tax Code, have been paid by the non-surviving filing entity.
- ☒ In lieu of providing the tax certificate, one or more of the surviving, acquiring or newly created organizations will be liable for the payment of the required franchise taxes.

## Execution

The undersigned signs this document subject to the penalties imposed by law for the submission of a materially false or fraudulent instrument. The undersigned certifies that the statements contained herein are true and correct, and that the person signing is authorized under the provisions of the Business Organizations Code, or other law applicable to and governing the merging entity, to execute the filing instrument.

Date: December 17, 2010



Microtune (LP), L.L.C.

Merging Entity Name

[Signature]  
Signature of authorized person (see instructions)

Karl Schneider

Printed or typed name of authorized person

Microtune (Texas), L.P.

Merging Entity Name

[Signature]  
Signature of authorized person (see instructions)

Karl Schneider

Printed or typed name of authorized person

\_\_\_\_\_  
Merging Entity Name

\_\_\_\_\_  
Signature of authorized person (see instructions)

\_\_\_\_\_  
Printed or typed name of authorized person