

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT		
<b>NATURE OF CONVEYANCE:</b>	NUNC PRO TUNC ASSIGNMENT		
<b>EFFECTIVE DATE:</b>	01/15/2010		
<b>CONVEYING PARTY DATA</b>			
<b>Name</b>			<b>Execution Date</b>
MOBIUS MICROSYSTEMS, INC.			02/23/2010
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<b>PROPERTY NUMBERS Total: 6</b>			
<b>Property Type</b>	<b>Number</b>		
<b>Patent Number:</b>	7545231		
<b>Patent Number:</b>	7656245		
<b>Patent Number:</b>	7656244		
<b>Application Number:</b>	12435269		
<b>Application Number:</b>	12258216		
<b>Application Number:</b>	12345280		
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<b>SIGNATURE:</b>	/mld/		
<b>DATE SIGNED:</b>	06/05/2015		

PATENT

**Total Attachments: 4**

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## NUNC PRO TUNC ASSIGNMENT OF PATENT RIGHTS

For good and valuable consideration, the receipt of which is hereby acknowledged, **Mobius Microsystems, Inc. ("Assignor")**, does hereby sell, assign, transfer, and convey unto **Integrated Device Technology, Inc. ("Assignee")**, or its designees, all right, title, and interest that exist today and may exist in the future in and to any and all of the following (collectively, the **"Patent Rights"**):

- (a) the patent applications and patents listed in the table below (the **"Patents"**);
- (b) all patents and patent applications for which any of the Patents directly or indirectly forms a basis for priority;
- (c) all reissues, reexaminations, extensions, continuations, continuations in part, continuing prosecution applications, requests for continuing examinations, divisions, registrations of any item in any of the foregoing categories (a) and (b);
- (d) all foreign patents, patent applications, and counterparts relating to any item in any of the foregoing categories (a) through (c), including, without limitation, certificates of inventions, utility models, industrial design protection, design patent protection, and other governmental grants or issuances;
- (e) all items in any of the foregoing in categories (b) through (d), whether or not expressly listed as Patents below and whether or not claims in any of the foregoing have been rejected, withdrawn, cancelled, or the like;
- (f) inventions, invention disclosures, and discoveries described in any of the Patents and/or any item in the foregoing categories (b) through (e) that (i) are included as a claim in the Patents and/or any item in the foregoing categories (b) through (e), (ii) are subject matter capable of being reduced to a patent claim in a reissue or reexamination proceedings brought on any of the Patents and/or any item in the foregoing categories (b) through (e), and/or (iii) could have been included as a claim in any of the Patents and/or any item in the foregoing categories (b) through (e);
- (g) all rights to apply in any or all countries of the world for patents, certificates of invention, utility models, or other governmental grants or issuances of any type related to any item in any of the foregoing categories (a) through (f), including, without limitation, under the Paris Convention for the Protection of Industrial Property, the International Patent Cooperation Treaty, or any other convention, treaty, agreement, or understanding;
- (h) all causes of action (whether known or unknown or whether currently pending, filed, or otherwise) and other enforcement rights under, or on account of, any of the Patents and/or any item in any of the foregoing categories (b) through (g), including, without limitation, all causes of action and other enforcement rights for damages, injunctive relief; and any other remedies of any kind for past, current, and future infringement; and
- (i) all rights to collect royalties and other payments under or on account of any of the Patents and/or any item in any of the foregoing categories (b) through (h).

Application No.	Patent No.	Filing Date	Title of Patent
60/555,193		03/22/04	Monolithic and Top-Down Clock Synthesis with Micromachined Radio Frequency Reference
11/084,962	7,227,423	03/21/05	Monolithic Clock Generator and Timing/Frequency Reference
11/796,821	7,548,132	04/28/07	Monolithic Clock Generator and Timing/Frequency Reference
12/435,269		05/04/09	Monolithic Clock Generator and Timing/Frequency Reference
10/593,354	7,656,243	09/19/06	Monolithic Clock Generator and Timing/Frequency Reference
11/085,372	7,227,424	03/21/05	Transconductance and Current Modulation for Resonant Frequency Control and Selection
11/796,820	7,545,231	04/28/07	Transconductance and Current Modulation for Resonant Frequency Control and Selection
10/593,356	<b>Abandoned</b>	09/19/06	Transconductance and Current Modulation for Resonant Frequency Control and Selection
11/232,407	7,456,699	09/20/05	Frequency Controller for a Monolithic Clock Generator and Timing/Frequency Reference
12/258,216		10/24/08	Frequency Controller for a Monolithic Clock Generator and Timing/Frequency Reference
11/232,409	7,248,124	09/20/05	Frequency Calibration for a Monolithic Clock Generator and Timing/Frequency Reference
11/233,414	7,307,486	09/21/05	Low Latency Start-Up for a Monolithic Clock Generator and Timing/Frequency Reference
11/926,013	7,545,227	10/28/07	Low Latency Start-Up for a Monolithic Clock Generator and Timing/Frequency Reference
11/384,605	7,504,899	03/20/06	Inductor and Capacitor-Based Clock Generator and Timing/Frequency Reference
12/345,280		12/29/08	Inductor and Capacitor-Based Clock Generator and Timing/Frequency Reference
11/384,758	7,365,614	03/20/06	Integrated Clock Generator and Timing/Frequency Reference

Application No.	Patent No.	Filing Date	Title of Patent
12/036,185	7,656,245	02/22/08	Integrated Clock Generator and Timing/Frequency Reference
11/384,973	7,358,826	03/20/06	Discrete Clock Generator and Timing/Frequency Reference
12/036,165	7,656,244	02/22/08	Discrete Clock Generator and Timing/Frequency Reference
11/805,427	7,548,125	05/23/07	Frequency Calibration for a Monolithic Clock Generator and Timing Frequency Reference
11/805,368		05/23/07	Multi-Terminal Harmonic Oscillator Integrated Circuit with Frequency Calibration and Frequency Configuration
11/950,707		12/05/07	Clock, Frequency Reference, and Other Reference Signal Generator
12/013,435		01/12/08	Amplitude Controller for Clock, Frequency Reference and Other Reference Signal Generator
11/967,234		12/30/07	Spread Spectrum Clock and Reference Signal Generator
12/013,437		01/12/08	Common Mode Controller for a Clock, Frequency Reference and Other Reference Signal Generator
12/013,438		01/12/08	Control Voltage Generator for Clock, Frequency Reference, and Other Reference Signal Generator
12/013,440		01/12/08	Clock, Frequency Reference and Other Reference Signal Generator with a Controlled Quality Factor
61/172,570		04/24/09	Clock, Frequency Reference and Other Reference Signal Generator with Frequency Stability Over Temperature Variation
61/226,702		07/18/09	Env. Stable and Die-Integrable Clock, Frequency Reference and Other Reference Signal Generator
11/967,236		12/30/07	Clock Generator, Timing and Frequency Reference with Crystal-Compatible Power Management

Assignor represents, warrants and covenants that:

(1) Assignor has the full power and authority, and has obtained all third party consents, approvals and/or other authorizations required to enter into this Agreement and to carry out its obligations hereunder, including the assignment of the Patent Rights to Assignee; and

(2) Assignor has obtained and properly recorded previously executed assignments for the Patent Rights as necessary to fully perfect its rights and title therein in accordance with governing law and regulations in each respective jurisdiction. The Patent Rights are free and clear of all liens, claims, mortgages, security interests or other encumbrances, and restrictions. There are no actions, suits, investigations, claims or proceedings threatened, pending or in progress relating in any way to the Patent Rights.

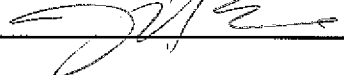
Assignor hereby authorizes the respective patent office or governmental agency in each jurisdiction to issue any and all patents, certificates of invention, utility models or other governmental grants or issuances that may be granted upon any of the Patent Rights in the name of Assignee, as the assignee to the entire interest therein.

Assignor will, at the reasonable request of Assignee and without demanding any further consideration therefore, do all things necessary, proper, or advisable, including without limitation, the execution, acknowledgment, and recordation of specific assignments, oaths, declarations, and other documents on a country-by-country basis, to assist Assignee in obtaining and perfecting the Patent Rights. The terms and conditions of this Assignment of Patent Rights will inure to the benefit of Assignee, its successors, assigns, and other legal representatives and will be binding upon Assignor, its successors, assigns, and other legal representatives.

IN WITNESS WHEREOF this Assignment of Patent Rights is effective as of January 15, 2010.

**ASSIGNOR:**

**Mobius Microsystems, Inc.**

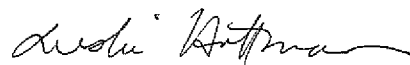
By: 

Name: **Vince Tortolano**

Title: **Vice President and Secretary**

*(Signature MUST be witnessed)*

Witnessed by:



Date: February 23, 2010