

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4858446

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JAMES M. HUME	01/04/2018
CCI SPECTRUM, INC.	01/04/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	CCI SPECTRUM, LLC
<b>Street Address:</b>	4527 SUNBEAM ROAD
<b>City:</b>	JACKSONVILLE
<b>State/Country:</b>	FLORIDA
<b>Postal Code:</b>	32257
<b>PROPERTY NUMBERS Total: 15</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	09532400
Application Number:	08426420
Application Number:	10798190
Application Number:	09525811
Application Number:	09607057
Application Number:	08400900
Application Number:	14275165
Application Number:	15088650
Application Number:	14299486
Application Number:	15263723
Application Number:	15286395
Application Number:	15352143
Application Number:	11633146
Application Number:	11895472
PCT Number:	US0507992
<b>CORRESPONDENCE DATA</b>	
Fax Number:	
Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.	

PATENT

<b>Email:</b>	mboyce@foley.com, ipdocketing@foley.com
<b>Correspondent Name:</b>	FOLEY & LARDNER LLP
<b>Address Line 1:</b>	3000 K ST NW
<b>Address Line 2:</b>	SUITE 600
<b>Address Line 4:</b>	WASHINGTON, D.C. 20007

<b>NAME OF SUBMITTER:</b>	MARY JO BOYCE
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<b>SIGNATURE:</b>	/Mary Jo Boyce/
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<b>DATE SIGNED:</b>	03/08/2018
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**Total Attachments: 9**

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## PATENT ASSIGNMENT

This PATENT ASSIGNMENT AGREEMENT ("**Patent Assignment**"), effective on the dates shown below, is made by **James M. Hume**, an individual citizen of the United States of America, and **CCI Spectrum, Inc.**, a Florida corporation, both located at 4527 Sunbeam Road, Jacksonville, Florida 32257 (collectively "**Assignors**"), in favor of **CCI Spectrum, LLC** ("**Assignee**"), a Florida limited liability company and subsidiary of CCI Spectrum, Inc. that is also located at 4527 Sunbeam Road, Jacksonville, Florida 32257 pursuant to a contribution agreement dated as of January 4, 2018 (the "**Contribution Agreement**").

WHEREAS, under the terms of the Contribution Agreement, Assignors have conveyed, transferred, and assigned to Assignee, among other assets, certain intellectual property of Assignors, and have agreed to execute and deliver this Patent Assignment, for recording with the United States Patent and Trademark Office and corresponding entities or agencies in any applicable jurisdictions;

NOW THEREFORE, the parties agree as follows:

1. Assignment. For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignors, both individually and collectively, hereby irrevocably convey, transfer, and assign to Assignee, and Assignee hereby accepts, all of Assignors' right, title, and interest in and to the following (the "**Assigned Patents**"):

(a) the patents and patent applications set forth in Schedule 1 hereto and all issuances, divisions, continuations, continuations-in-part, reissues, extensions, reexaminations, and renewals thereof (the "**Patents**");

(b) all rights of any kind whatsoever of Assignors accruing under any of the foregoing provided by applicable law of any jurisdiction, by international treaties and conventions, and otherwise throughout the world;

(c) any and all royalties, fees, income, payments, and other proceeds now or hereafter due or payable with respect to any and all of the foregoing; and

(d) any and all claims and causes of action with respect to any of the foregoing, whether accruing before, on, or after the date hereof, including all rights to and claims for damages, restitution, and injunctive and other legal and equitable relief for past, present, and future infringement, misappropriation, violation, misuse, breach, or default, with the right but no obligation to sue for such legal and equitable relief and to collect, or otherwise recover, any such damages.

2. Recordation and Further Actions. Assignors, both individually and collectively, hereby authorize the Commissioner for Patents in the United States Patent and Trademark Office and the officials of corresponding entities or agencies in any applicable jurisdictions to record and register this Patent Assignment upon request by Assignee. Following the date hereof, Assignors shall take such steps and actions, and provide such cooperation and assistance to Assignee and its successors, assigns, and legal representatives, including the execution and delivery of any affidavits, declarations, oaths, exhibits, assignments, powers of attorney, or other

documents, as may be necessary to effect, evidence, or perfect the assignment of the Assigned Patents to Assignee, or any assignee or successor thereto.

3. Terms of the Contribution Agreement. The parties hereto acknowledge and agree that this Patent Assignment is entered into pursuant to the Contribution Agreement, to which reference is made for a further statement of the rights and obligations of Assignors and Assignee with respect to the Assigned Patents. The representations, warranties, covenants, agreements, and indemnities contained in the Contribution Agreement shall not be superseded hereby but shall remain in full force and effect to the full extent provided therein. In the event of any conflict or inconsistency between the terms of the Contribution Agreement and the terms hereof, the terms of the Contribution Agreement shall govern.

4. Counterparts. This Patent Assignment may be executed in counterparts, each of which shall be deemed an original, but all of which together shall be deemed one and the same agreement. A signed copy of this Patent Assignment delivered by facsimile, e-mail, or other means of electronic transmission shall be deemed to have the same legal effect as delivery of an original signed copy of this Patent Assignment.


5. Successors and Assigns. This Patent Assignment shall be binding upon and shall inure to the benefit of the parties hereto and their respective successors and assigns.

6. Governing Law. This Patent Assignment and any claim, controversy, dispute, or cause of action based upon, arising out of, or relating to this Patent Assignment and the transactions contemplated hereby shall be governed by, and construed in accordance with, the laws of the United States and the State of Florida, without giving effect to any choice or conflict of law provision or rule.

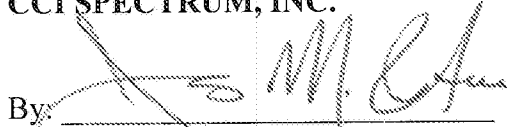
[SIGNATURE PAGE FOLLOWS]

IN WITNESS WHEREOF, Assignors have duly executed and delivered this Patent Assignment as of the dates shown below.

**JAMES M. HUME**

  
Effective date: January 4, 2018

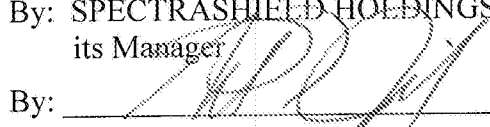
**CCI SPECTRUM, INC.**

By:   
Name: James Hume  
Title: President  
Effective date: January 4, 2018

AGREED TO AND ACCEPTED:

**CCI SPECTRUM, LLC**

By: SPECTRASHIELD HOLDINGS, LLC,  
its Manager

By:   
Name: Steven Jenkins  
Title: President and Chief Executive Officer  
Date: January 4, 2018

Signature Page to  
Patent Assignment  
James Hume and CCI Spectrum, Inc. to  
CCI Spectrum, LLC

**PATENT**  
**REEL: 045154 FRAME: 0170**

## SCHEDULE 1

### ASSIGNED PATENTS AND PATENT APPLICATIONS

#### Schedule of Patents and Trademarks

##### 1. U.S. Patents & Patent Applications

Matter	Serial No.	Patent No. (If Granted)	Status	Comments	Ownership
1	09/532,400	6706384	Expired	Expired March 16, 2016 for failure to pay maintenance fees	CCI Spectrum, Inc.
2	08/426,420	5618616	Expired	Expired April 8, 2014 based on patent term (lifetime)	CCI Spectrum, Inc. with security interest conveyed to First Alliance Bank  (no assignment from inventor to CCI Spectrum, Inc. found)
3	10/798,190	7279196	Expired	Patent expired on October 9, 2015 due to non-payment of maintenance fee.	CCI Spectrum, Inc.
4	09/525,811	6223475	Active	Due to expire in March 2020	No assignment information found
5	*09/637,572 <sup>1</sup>	*6333475	Expired	Patent expired on December 25, 2013 due to non-payment of maintenance fee.	*There appears to be a typo (the assignment lists 6333475 instead of 6223475). This patent lists Masaki Kontani as an inventor and was originally assigned to Matsushita Electric Industrial Co. of Japan. A corrective submission can be

<sup>1</sup> See ownership comments regarding possible typographical error.

					filed with the Patent Office to make it clear that the assignment from James Hume to CCI Spectrum Inc. of this patent was in error.
6	09/607,057	6746715	Expired	Patent expired on June 8, 2016 due to non-payment of maintenance fee.	CCI Spectrum, Inc.
7	08/400,900	5608998	Expired	Expired based on patent term	CCI Spectrum, Inc.
8	14/275,165	Not found <sup>2</sup>			
9	15/088,650	Not found <sup>2</sup>			
10	14/299,486	Abandoned	Abandoned	Abandoned in June 2017	No assignment recorded
11	15/263,723	Not found <sup>2</sup>			
12	15/286,395	Not found <sup>2</sup>			
13	15/352,143	Not found <sup>2</sup>			
14	11/633146	Not found <sup>2</sup>			
15	11/895472	Not found <sup>2</sup>			
16	PCT/US05/007992	Not found <sup>2</sup>			

<sup>2</sup> For patent applications identified as being "not found," it is possible that non-publication requests were filed and that these patent applications are still pending or have been abandoned. Proof of filing and current status should be supplied.

## 2. International (non-U.S.) Patents & Patent Applications

Matter	Serial No./Patent No.	Status	Comments	Ownership
1	DE60131147 T2	Granted, in force	Next renewal fee due March 31, 2018  Max. term March 14, 2021	Hume, James M.
2	DE 694 33 479 T2 (DE 694 33 479.0)	Expired	Expired September 24, 2014 (max. term)	CCI Spectrum, Inc.
3	DE 601 33 183 T2	Granted, in force	Current renewal fee was due March 31, 2017, can be paid late up until September 30, 2017  Max. term March 22, 2021	Hume, James M.
4	AT 388812	Granted, in force	Next renewal fee due March 31, 2018  Max. term March 22, 2021	Hume, James M.
5	AT377114 T	Lapsed	Never came into force due to failure to file German translation on time	Hume, James M.
6	AU 708506	Expired	Expired September 23, 2014 (max. term)	CCI Spectrum, Inc.
7	AU 4592501 (application No. 2001245925)	Lapsed	Expired December 3, 2003	Hume, James M.
8	AU 2001243675	Lapsed	Expired September 28, 2012	Hume, James M.



9	CA 2 175 464	Lapsed	Expired September 23, 2009	CCI Spectrum, Inc.
10	CA 2403702	Granted, in force	Next renewal fee due March 14, 2018  Max. term March 14, 2021	Hume, James M.
11	EP 0726846  <i>Validated in:</i>  France  Italy  Germany (see matter 2 above)  UK	Expired in all validated states <sup>3</sup>	Expired September 22, 2014 (max. term)	CCI Spectrum, Inc.
12	MXPA02009025 A  (PA/a/2002)	Granted, in force	Current renewal fee was due in March 2017, can be paid late up until March 2018  Max term March 14, 2021	Hume, James M.
13	EP1266107 B1  <i>Validated in:</i>  Germany   Spain	Various, see below  See matter 1 above  See matter 15 below	Various, see below  See matter 1 above  See matter 15 below	Hume, James M. for all states

<sup>3</sup> The listed expiration dates may differ slightly in each European country, depending on local law.

	France	Lapsed	Expired November 30, 2016	
	UK	Granted, in force	Current renewal fee was due March 14, 2017, can be paid late up until September 30, 2017  Max. term March 14, 2021	
	Ireland	Lapsed	Expired December 11, 2009	
	Italy	Lapsed	Expired March 14, 2016 <sup>4</sup>	
	Luxembourg	Lapsed	Expired March 14, 2009	
	Monaco	Lapsed	Expired March 31, 2009	
14	EP 1272342 B1  <i>Validated in</i>  Austria  Germany  Spain	Various  See matter 4 above  See matter 3 above  See matter 16 below	  Granted, in force  Granted, in force  Expired	Hume, James M.
15	ES2299502 T3 (ES Application No. 01957605.5 / 01957605.7)	Lapsed	Expired March 14, 2016 <sup>5</sup>	Hume, James M.

<sup>4</sup> The listed date is an estimated expiration date based on the last renewal fee.

<sup>5</sup> The listed date is an estimated expiration date based on the last renewal fee.

16	ES 2 304 380 T3 (Application No. 01918907.5)	Lapsed	Expired March 22, 2016 <sup>6</sup>	Hume, James M.
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<sup>6</sup> The listed expiration date may be slightly different based on local law.