

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

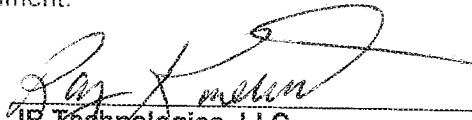
EPAS ID: PAT4562761

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	JR TECHNOLOGIES, LLC	08/22/2017
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	TURBOSHALE, INC.	
<b>Street Address:</b>	1656 REUNION AVENUE	
<b>Internal Address:</b>	SUITE 250	
<b>City:</b>	SOUTH JORDAN	
<b>State/Country:</b>	UTAH	
<b>Postal Code:</b>	84095	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	14734150
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(617)500-2499	
<i>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.</i>		
<b>Phone:</b>	617-500-2518	
<b>Email:</b>	guarino@orpatent.com	
<b>Correspondent Name:</b>	OCCHIUTI & ROHLICEK LLP	
<b>Address Line 1:</b>	321 SUMMER STREET	
<b>Address Line 4:</b>	BOSTON, MASSACHUSETTS 02210	
<b>ATTORNEY DOCKET NUMBER:</b>	30117-002001	
<b>NAME OF SUBMITTER:</b>	FAY E. GUARINO	
<b>SIGNATURE:</b>	/ Fay E. Guarino /	
<b>DATE SIGNED:</b>	08/23/2017	
<b>Total Attachments: 2</b>		
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ASSIGNMENT

For valuable consideration, **JR Technologies, LLC**, a corporation of Massachusetts, having a place of business at 964 South Main Street, Great Barrington, Massachusetts 01230 (hereinafter "the Assignor"), hereby assigns to **TurboShale, Inc.**, a corporation of Utah, having a place of business at 1656 Reunion Avenue, Suite 250, South Jordan, Utah 84095, and its successors and assigns (collectively hereinafter called "the Assignee"), its entire right, title and interest in the United States, which are subject of the patent and patent application listed in Schedule A, presently wholly owned by the Assignor, (collectively herein after "the Patents; and the Assignor agrees for itself and its respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Date: 8/22/2017

  
JR Technologies, LLC  
Signed by: \_\_\_\_\_  
Title: CEO

WITNESS: 3eb x. Rong

Name: \_\_\_\_\_

Address: 964 Main St. Gt. Barrington  
MA 01230WITNESS: Eff

Name: \_\_\_\_\_

Address: 11 Mountain Rd., Mt. Washington, NH  
01256

Schedule A

Country	Application No.	Filing Date	Publication No.	Publication Date	Patent No.	Patent Date
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METHOD AND APPARATUS FOR IN-SITU RADIOFREQUENCY HEATING

United States of America	12/626,137	11/25/2009	2010/0065265	03/18/2010	7,891,421	02/22/2011
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SUBSURFACE MULTIPLE ANTENNA RADIATION TECHNOLOGY (SMART)

United States of America	14/734,150	06/09/2015	2015/0354333	12/10/2015	N/A	N/A
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