

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7866629

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MID-ATLANTIC TECHNOLOGY, RESEARCH & INNOVATION CENTER, INC.	12/29/2022
RECEIVING PARTY DATA	
Name:	AVN CORPORATION
Street Address:	1740 UNION CARBIDE DRIVE
City:	SOUTH CHARLESTON
State/Country:	WEST VIRGINIA
Postal Code:	25303
PROPERTY NUMBERS Total: 5	
Property Type	Number
Patent Number:	8518336
Patent Number:	11213806
Patent Number:	11396007
Application Number:	17347620
Application Number:	17405245
CORRESPONDENCE DATA	
Fax Number:	(304)357-0919
<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>	
Phone:	3043579924
Email:	monika.jaensson@dinsmore.com
Correspondent Name:	MONIKA JAENSSON
Address Line 1:	707 VIRGINIA STREET, EAST - STE 1300
Address Line 4:	CHARLESTON, WEST VIRGINIA 25301
ATTORNEY DOCKET NUMBER:	MDT0004
NAME OF SUBMITTER:	MONIKA L. JAENSSON
SIGNATURE:	/MONIKA L JAENSSON/
DATE SIGNED:	03/25/2023
Total Attachments: 4	
source=Patent Assignment Agreement#page1.tif	

source=Patent Assignment Agreement#page2.tif

source=Patent Assignment Agreement#page3.tif

source=Patent Assignment Agreement#page4.tif

PATENT ASSIGNMENT AGREEMENT

This PATENT ASSIGNMENT AGREEMENT (“**Patent Assignment**”), dated as of December 29, 2022, is made by Mid-Atlantic Technology, Research & Innovation Center, Inc. (“**Seller**”), a West Virginia nonprofit corporation, located at 1740 Union Carbide Drive, South Charleston, West Virginia 25303, in favor of AVN Corporation (“**Buyer**”), a Delaware corporation, with its principal offices located at 1740 Union Carbide Drive, South Charleston, West Virginia 25303, the purchaser of certain assets of Seller pursuant to that Asset Purchase Agreement between Buyer and Seller, dated as of December 29, 2022 (the “**Asset Purchase Agreement**”).

WHEREAS, under the terms of the Asset Purchase Agreement, Seller has conveyed, transferred, and assigned to Buyer, among other assets, the intellectual property of Seller not otherwise expressly excluding by the Asset Purchase Agreement, and has 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:

7. Assignment. For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Seller hereby irrevocably conveys, transfers, and assigns to Buyer, and Buyer hereby accepts, all of Seller’s right, title, and interest in and to the following (the “**Assigned Patents**”):

(a) All patents and patent applications of the Seller, including those set forth in Schedule I 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 Seller 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.

8. Recordation and Further Actions. Seller hereby authorizes 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 Buyer. Following the date hereof, upon Buyer’s reasonable request, and at Buyer’s sole cost and expense, Seller shall take such steps and actions, and provide such cooperation and assistance to Buyer 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 Buyer, or any assignee or successor thereto.

9. Terms of the Asset Purchase Agreement. The parties hereto acknowledge and agree that this Patent Assignment is entered into pursuant to the Asset Purchase Agreement, to which reference is made for a further statement of the rights and obligations of Seller and Buyer with respect to the Assigned Patents. The representations, warranties, covenants, agreements, and indemnities contained in the Asset Purchase 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 Asset Purchase Agreement and the terms hereof, the terms of the Asset Purchase Agreement shall govern.

10. 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.


11. 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.

12. Governing Law. This Patent Assignment and any claim, controversy, dispute, or cause of action (whether in contract, tort, or otherwise) 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 West Virginia, without giving effect to any choice or conflict of law provision or rule (whether of the State of West Virginia or any other jurisdiction).

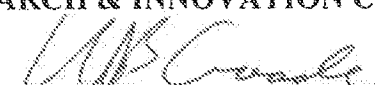
[SIGNATURE PAGE FOLLOWS]

IN WITNESS WHEREOF, the parties have duly executed and delivered this Patent Assignment as of the date first above written.

Buyer:
AVN CORPORATION

By: 
Name: Steven B. Hedrick
Title: President & CEO

Seller:
**MID-ATLANTIC TECHNOLOGY,
RESEARCH & INNOVATION CENTER, INC.**

By: 
Name: William B. Goode
Title: Chairman and Authorized Agent

SCHEDULE 1

ASSIGNED PATENTS AND PATENT APPLICATIONS

Patents:

Title	Jurisdiction	Patent No.	Issue Date
CASCADING PLANAR BAFFLE REACTOR	US	8,518,336	8/27/2013
NOVEL CATALYST SUPPORTS-COMPOSITION AND PROCESS OF MANUFACTURE	US	11,213,806	1/4/2022
NOVEL CATALYST SUPPORTS-COMPOSITION AND PROCESS OF MANUFACTURE	US	11,396,007	7/26/2022

Patent Applications:

Title	Jurisdiction	Application No.	Filing Date
NOVEL CATALYST SUPPORTS-COMPOSITION AND PROCESS OF MANUFACTURE	US	17/347620	6/15/2021
NOVEL CATALYST SUPPORTS-COMPOSITION AND PROCESS OF MANUFACTURE	US	17/405245	8/18/2021