

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT7256848

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	SECURITY AGREEMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	CASTHEON INC	03/31/2021
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	ALLY BANK, AS COLLATERAL AGENT	
<b>Street Address:</b>	300 PARK AVENUE	
<b>Internal Address:</b>	4TH FLOOR	
<b>City:</b>	NEW YORK	
<b>State/Country:</b>	NEW YORK	
<b>Postal Code:</b>	10022	
<b>PROPERTY NUMBERS Total: 3</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	17024625
	Application Number:	63192848
	Application Number:	62901633
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(800)914-4240	
<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>	8007130755	
<b>Email:</b>	james.murray@wolterskluwer.com	
<b>Correspondent Name:</b>	CT CORPORATION	
<b>Address Line 1:</b>	4400 EASTON COMMONS WAY	
<b>Address Line 2:</b>	SUITE 125	
<b>Address Line 4:</b>	COLUMBUS, OHIO 43219	
<b>NAME OF SUBMITTER:</b>	CORENDA R. GAINES	
<b>SIGNATURE:</b>	/Corenda R. Gaines/	
<b>DATE SIGNED:</b>	03/31/2022	
<b>Total Attachments: 10</b>		
source=IP filing#page1.tif		
source=IP filing#page2.tif		
source=IP filing#page3.tif		

source=IP filing#page4.tif  
source=IP filing#page5.tif  
source=IP filing#page6.tif  
source=IP filing#page7.tif  
source=IP filing#page8.tif  
source=IP filing#page9.tif  
source=IP filing#page10.tif

## INTELLECTUAL PROPERTY SECURITY AGREEMENT

This INTELLECTUAL PROPERTY SECURITY AGREEMENT (as amended, restated, amended and restated, supplemented or otherwise modified from time to time, the “IP Security Agreement”), dated as of March 31, 2022, is between the Person listed on the signature pages hereof (the “Grantor”) and Ally Bank, as collateral agent (the “Collateral Agent”) for the Secured Parties (as defined in the Credit Agreement referred to below).

WHEREAS, ADDMAN INTERMEDIATE HOLDINGS LLC, a Delaware limited liability company (“Borrower”), and ADDMAN INTERMEDIATE HOLDINGS I LLC, a Delaware limited liability company (“Holdings”), have entered into the Credit Agreement, dated as of November 30, 2021 (as amended, restated, amended and restated, supplemented or otherwise modified from time to time, the “Credit Agreement”), with each lender from time to time party thereto and ALLY BANK, as Administrative Agent, Collateral Agent, the Swingline Lender and an L/C Issuer. Capitalized terms used herein and not otherwise defined herein shall have the meaning assigned thereto in the Credit Agreement or the Security Agreement, as the case may be (and in the event of a conflict, the applicable definition shall be the one given to such term in the Security Agreement).

WHEREAS, as a condition precedent to the making of the Loans by the Lenders from time to time and the issuance of Letters of Credit by the L/C Issuers from time to time, the entry into Secured Hedge Agreements by the Hedge Banks from time to time and the entry into Secured Cash Management Agreements by the Cash Management Banks from time to time, the Grantor has executed and delivered that certain Security Agreement Supplement, dated as of the date hereof (the “Security Agreement Supplement”), by the Grantor and the Collateral Agent, supplementing that certain Security Agreement, dated as of November 30, 2021 (as amended, restated, amended and restated, supplemented or otherwise modified from time to time, and together with the Security Agreement Supplement, the “Security Agreement”), among the Grantors from time to time party thereto and the Collateral Agent.

WHEREAS, under the terms of the Security Agreement, the Grantor has granted to the Collateral Agent, for the benefit of the Secured Parties, a security interest in, among other property, certain intellectual property of the Grantor, and has agreed thereunder to execute this IP Security Agreement for recording with the USPTO and/or the USCO, as applicable.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Grantor agrees as follows:

1. Grant of Security. The Grantor hereby collaterally assigns and pledges to the Collateral Agent (and its successors and permitted assigns), for the benefit of the Secured Parties, and the Grantor hereby grants to the Collateral Agent (and its successors and permitted assigns), for the benefit of the Secured Parties, a security interest in and to all of the Grantor’s right, title and interest in and to the following, whether now owned or existing or hereafter acquired or arising by the undersigned (the “Collateral”):

(a) all Patents, including the patents and patent applications set forth in Schedule A hereto;

(b) all Trademarks, including the trademark and service mark registrations and applications set forth in Schedule B hereto (provided that no security interest shall be granted in United States intent-to-use trademark applications prior to the filing of a "Statement of Use" pursuant to Section 1(d) of the Lanham Act or an "Amendment to Allege Use" pursuant to Section 1(c) of the Lanham Act with respect thereto, to the extent that, and solely during the period, if any, in which, the grant of a security interest therein or the assignment thereof would impair the validity or enforceability of any registration that issues from such intent-to-use application under applicable federal law), together with the goodwill symbolized thereby;

(c) all Copyrights, whether registered or unregistered, including, without limitation, the copyright registrations and applications set forth in Schedule C hereto;

(d) all reissues, divisions, continuations, continuations-in-part, extensions, renewals and reexaminations of any of the foregoing, all rights in the foregoing provided by international treaties or conventions, all rights corresponding thereto throughout the world and all other rights of any kind whatsoever of the Grantor accruing thereunder or pertaining thereto;

(e) any and all claims for damages and injunctive relief for past, present and future infringement, dilution, misappropriation, violation, misuse or breach with respect to any of the foregoing, with the right, but not the obligation, to sue for and collect, or otherwise recover, such damages; and

(f) any and all proceeds of, collateral for, income, royalties and other payments now or hereafter due and payable with respect to, and supporting obligations relating to, any and all of the Collateral of or arising from any of the foregoing;

provided that notwithstanding anything to the contrary contained in the foregoing clauses (i) through (vi), the security interest created hereby shall not extend to, and the term "Collateral" shall not include any Excluded Property.

2. Security for Obligations. The grant of a security interest in, the Collateral by the Grantor under this IP Security Agreement secures the payment of all Secured Obligations of the Grantor now or hereafter existing under or in respect of the Secured Documents (as such Secured Documents may be amended, restated, amended and restated, supplemented, replaced, refinanced or otherwise modified from time to time (including any increases of the principal amount outstanding thereunder)), whether direct or indirect, absolute or contingent, and whether for principal, reimbursement obligations, interest, premiums, penalties, fees, indemnifications, contract causes of action, costs, expenses or otherwise. Without limiting the generality of the foregoing, this IP Security Agreement secures, as to the Grantor, the payment of all amounts that constitute part of the Secured Obligations that would be owed by the Grantor to any Secured Party under the Secured Documents but for the fact that they are unenforceable or not allowable due to the existence of a bankruptcy, or reorganization or similar proceeding involving a Loan Party.

3. Recordation. Each Grantor authorizes and requests that the Register of Copyrights, the Commissioner for Patents and the Commissioner for Trademarks record this IP Security Agreement.

4. Execution in Counterparts. This IP Security Agreement may be executed in any number of counterparts, each of which when so executed shall be deemed to be an original and all of which taken together shall constitute one and the same agreement.

5. Grants, Rights and Remedies. This IP Security Agreement has been entered into in conjunction with the provisions of the Security Agreement. The Grantor does hereby acknowledge and confirm that the grant of the security interest hereunder to, and the rights and remedies of, the Collateral Agent with respect to the Collateral are more fully set forth in the Security Agreement, the terms and provisions of which are incorporated herein by reference as if fully set forth herein. In the event of any conflict between the terms of this IP Security Agreement and the terms of the Security Agreement, the terms of the Security Agreement shall govern.

6. Governing Law; Jurisdiction; Etc.

(g) **THIS IP SECURITY AGREEMENT SHALL BE GOVERNED BY, AND CONSTRUED IN ACCORDANCE WITH, THE LAW OF THE STATE OF NEW YORK.**

(h) **EACH PARTY HERETO IRREVOCABLY AND UNCONDITIONALLY SUBMITS, FOR ITSELF AND ITS PROPERTY, TO THE EXCLUSIVE JURISDICTION OF THE COURTS OF THE STATE OF NEW YORK SITTING IN NEW YORK CITY IN THE BOROUGH OF MANHATTAN AND OF THE UNITED STATES DISTRICT COURT FOR THE SOUTHERN DISTRICT OF NEW YORK SITTING IN THE BOROUGH OF MANHATTAN, AND ANY APPELLATE COURT FROM ANY THEREOF, IN ANY ACTION OR PROCEEDING ARISING OUT OF OR RELATING TO THIS IP SECURITY AGREEMENT, OR FOR RECOGNITION OR ENFORCEMENT OF ANY JUDGMENT, AND EACH OF THE PARTIES HERETO IRREVOCABLY AND UNCONDITIONALLY AGREES THAT ALL CLAIMS IN RESPECT OF ANY SUCH ACTION OR PROCEEDING MAY BE HEARD AND DETERMINED IN SUCH NEW YORK STATE COURT OR, TO THE FULLEST EXTENT PERMITTED BY APPLICABLE LAW, IN SUCH FEDERAL COURT. EACH OF THE PARTIES HERETO AGREES THAT A FINAL JUDGMENT IN ANY SUCH ACTION OR PROCEEDING SHALL BE CONCLUSIVE AND MAY BE ENFORCED IN OTHER JURISDICTIONS BY SUIT ON THE JUDGMENT OR IN ANY OTHER MANNER PROVIDED BY LAW. NOTHING IN THIS IP SECURITY AGREEMENT SHALL AFFECT ANY RIGHT THAT THE COLLATERAL AGENT, ANY LENDER OR ANY L/C ISSUER MAY OTHERWISE HAVE TO BRING ANY ACTION OR PROCEEDING RELATING TO THIS IP SECURITY AGREEMENT OR THE RECOGNITION OR ENFORCEMENT OF ANY JUDGMENT AGAINST ANY LOAN PARTY OR ITS PROPERTIES IN THE COURTS OF ANY JURISDICTION.**

(i) **EACH PARTY HERETO IRREVOCABLY AND UNCONDITIONALLY WAIVES, TO THE FULLEST EXTENT PERMITTED BY**

**APPLICABLE LAW, ANY OBJECTION THAT IT MAY NOW OR HEREAFTER HAVE TO THE LAYING OF VENUE OF ANY ACTION OR PROCEEDING ARISING OUT OF OR RELATING TO THIS IP SECURITY AGREEMENT IN ANY COURT REFERRED TO IN CLAUSE (b) OF THIS SECTION 6. EACH OF THE PARTIES HERETO HEREBY IRREVOCABLY WAIVES, TO THE FULLEST EXTENT PERMITTED BY APPLICABLE LAW, THE DEFENSE OF AN INCONVENIENT FORUM TO THE MAINTENANCE OF SUCH ACTION OR PROCEEDING IN ANY SUCH COURT.**

**(j) EACH PARTY HERETO IRREVOCABLY CONSENTS TO SERVICE OF PROCESS IN THE MANNER PROVIDED FOR NOTICES IN SECTION 10.02 OF THE CREDIT AGREEMENT. NOTHING IN THIS IP SECURITY AGREEMENT WILL AFFECT THE RIGHT OF ANY PARTY HERETO TO SERVE PROCESS IN ANY OTHER MANNER PERMITTED BY APPLICABLE LAW.**

**(k) EACH PARTY TO THIS IP SECURITY AGREEMENT HEREBY EXPRESSLY WAIVES ANY RIGHT TO TRIAL BY JURY OF ANY CLAIM, DEMAND, ACTION OR CAUSE OF ACTION ARISING UNDER THIS IP SECURITY AGREEMENT OR IN ANY WAY CONNECTED WITH OR RELATED OR INCIDENTAL TO THE DEALINGS OF THE PARTIES HERETO OR ANY OF THEM WITH RESPECT TO THIS IP SECURITY AGREEMENT, OR THE TRANSACTIONS RELATED THERETO, IN EACH CASE WHETHER NOW EXISTING OR HEREAFTER ARISING, AND WHETHER FOUNDED IN CONTRACT OR TORT OR OTHERWISE; AND EACH PARTY HEREBY AGREES AND CONSENTS THAT ANY SUCH CLAIM, DEMAND, ACTION OR CAUSE OF ACTION SHALL BE DECIDED BY COURT TRIAL WITHOUT A JURY, AND THAT ANY PARTY TO THIS IP SECURITY AGREEMENT MAY FILE AN ORIGINAL COUNTERPART OR A COPY OF SECTION 10.17 OF THE CREDIT AGREEMENT WITH ANY COURT AS WRITTEN EVIDENCE OF THE CONSENT OF THE SIGNATORIES HERETO TO THE WAIVER OF THEIR RIGHT TO TRIAL BY JURY.**

IN WITNESS WHEREOF, the Grantor and the Collateral Agent have caused this IP Security Agreement to be duly executed and delivered by its officer thereunto duly authorized as of the date first written above.


CASTHEON INC

By: 

Name: Joseph Calmese

Title: Chief Executive Officer and President

**ALLY BANK**, as Collateral Agent

By:   
Name: Joseph Skaferowsky  
Title: Authorized Signatory



**Schedule A to the  
Intellectual  
Property Security Agreement**

**Schedule A – Patents**

**APPLICATIONS:**

<b>Owner</b>	<b>Patent</b>	<b>Application Number</b>	<b>Application Date</b>	<b>Jurisdiction</b>
Castheon Inc	METHODS FOR IN SITU FORMATION OF DISPERSOIDS STRENGTHENED REFRACTORY ALLOY IN 3D PRINTING AND/OR ADDITIVE MANUFACTURING	17/024,625	09/17/2020	US
Castheon Inc	METHODS FOR 3D PRINTING AND ADDITIVE MANUFACTURING OF REFRACTORY ALLOYS	63/192848	05/25/2021	US
Castheon Inc	IN SITU FORMATION OF DISPERSOIDS STRENGTHENED REFRACTORY ALLOY IN 3D PRINTING AND/OR ADDITIVE MANUFACTURING	62/901,633	09/17/2019	US

**Schedule B to the  
Intellectual  
Property Security Agreement**

**Schedule B – Trademarks**

**UNITED STATES TRADEMARKS:**

<b>Owner</b>	<b>Trademark</b>	<b>Registration Number</b>	<b>Registration Date</b>	<b>Jurisdiction</b>
Castheon Inc	SUPER C103	97/148,393	11/30/2021	US

**Schedule C to the  
Intellectual  
Property Security Agreement**

**Schedule C – Copyrights**

None.