

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT8310231

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	SECURITY INTEREST
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
INVIDI TECHNOLOGIES CORPORATION	11/30/2023
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	COMERICA BANK
<b>Street Address:</b>	39200 SIX MILE ROAD
<b>Internal Address:</b>	NATIONAL DOCUMENTATION SERVICES, MC 7578
<b>City:</b>	LIVONIA
<b>State/Country:</b>	MICHIGAN
<b>Postal Code:</b>	48152
<b>PROPERTY NUMBERS Total: 49</b>	
<b>Property Type</b>	<b>Number</b>
Patent Number:	10666904
Patent Number:	8108895
Patent Number:	8065703
Patent Number:	7546619
Patent Number:	11570406
Patent Number:	8146126
Patent Number:	9503795
Patent Number:	9124915
Patent Number:	8776115
Patent Number:	7698236
Patent Number:	7730509
Patent Number:	9904925
Patent Number:	7849477
Patent Number:	11222062
Patent Number:	8272009
Patent Number:	9961379
Patent Number:	9530148
Patent Number:	11540000
Patent Number:	10075754

Property Type	Number
Patent Number:	8850473
Patent Number:	9628869
Patent Number:	10129589
Patent Number:	9729916
Patent Number:	11581968
Patent Number:	10951335
Patent Number:	10404390
Patent Number:	11689758
Patent Number:	10735795
Patent Number:	11451848
Patent Number:	11750854
Patent Number:	11284166
Patent Number:	10897656
Patent Number:	10762509
Patent Number:	9712788
Patent Number:	9396475
Application Number:	17655763
Application Number:	18146254
Application Number:	15043493
Application Number:	17647544
Application Number:	17452161
Application Number:	16025766
Application Number:	16230773
Application Number:	16382023
Application Number:	16600262
Application Number:	16592497
Application Number:	17659420
Application Number:	18060413
Application Number:	18169089
Patent Number:	10523992

#### CORRESPONDENCE DATA

**Fax Number:** (734)930-2494

*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.*

**Phone:** 2489251921

**Email:** trademarks@bodmanlaw.com

**Correspondent Name:** JENNIFER M. HETU

**Address Line 1:** 201 SOUTH DIVISION STREET, SUITE 400

**Address Line 4:** ANN ARBOR, MICHIGAN 48104

<b>NAME OF SUBMITTER:</b>	JENNIFER M. HETU
<b>SIGNATURE:</b>	/jmh/
<b>DATE SIGNED:</b>	12/05/2023
<b>Total Attachments: 8</b> source=Invidi Executed IPSA (003) re PATENTS#page1.tif source=Invidi Executed IPSA (003) re PATENTS#page2.tif source=Invidi Executed IPSA (003) re PATENTS#page3.tif source=Invidi Executed IPSA (003) re PATENTS#page4.tif source=Invidi Executed IPSA (003) re PATENTS#page5.tif source=Invidi Executed IPSA (003) re PATENTS#page6.tif source=Invidi Executed IPSA (003) re PATENTS#page7.tif source=Invidi Executed IPSA (003) re PATENTS#page8.tif	

## INTELLECTUAL PROPERTY SECURITY AGREEMENT

This Intellectual Property Security Agreement ("Agreement") is entered into as of November 30, 2023, by and between COMERICA BANK ("Bank") and INVIDI TECHNOLOGIES CORPORATION, a Delaware corporation ("Grantor").

### RECITALS

A. Bank has agreed to make certain advances of money and to extend certain financial accommodations (the "Loans") to Grantor, dated of event date herewith (as the same may be amended, modified or supplemented from time to time, the "Loan Agreement"). Capitalized terms used herein are used as defined in the Loan Agreement.

B. Bank is willing to make, or continue to make, the Loans to Grantor, but only upon the condition, among others, that Grantor shall grant to Bank a security interest in certain Copyrights, Trademarks and Patents to secure the obligations of Grantor under the Loan Agreement.

C. Pursuant to the terms of the Loan Agreement, Grantor has granted to Bank a security interest in all of Grantor's right, title and interest, whether presently existing or hereafter acquired, in, to and under all of the Collateral.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, and intending to be legally bound, as collateral security for the prompt and complete payment when due of Grantor's obligations under the Loan Agreement and all other agreements now existing or hereafter arising between each Grantor and Bank, Grantor hereby represents, warrants, covenants and agrees as follows:

### AGREEMENT

To secure Grantor's obligations under the Loan Agreement and under any other agreement now existing or hereafter arising between Bank and Grantor, Grantor grants and pledges to Bank a security interest in all of Grantor's right, title and interest in, to and under its Intellectual Property Collateral (including without limitation those Copyrights, Patents and Trademarks listed on Exhibits A, B and C hereto), and including without limitation all proceeds thereof (such as, by way of example but not by way of limitation, license royalties and proceeds of infringement suits), the right to sue for past, present and future infringements, all rights corresponding thereto throughout the world and all re-issues, divisions continuations, renewals, extensions and continuations-in-part thereof.

This security interest is granted in conjunction with the security interest granted to Bank under the Loan Agreement. The rights and remedies of Bank with respect to the security interest granted hereby are in addition to those set forth in the Loan Agreement and the other Loan Documents, and those which are now or hereafter available to Bank as a matter of law or equity. Each right, power and remedy of Bank provided for herein or in the Loan Agreement or any of the Loan Documents, or now or hereafter existing at law or in equity shall be cumulative and concurrent and shall be in addition to every right, power or remedy provided for herein and the exercise by Bank of any one or more of the rights, powers or remedies provided for in this Agreement, the Loan Agreement or any of the other Loan Documents, or now or hereafter existing at law or in equity, shall not preclude the simultaneous or later exercise by any person, including Bank, of any or all other rights, powers or remedies.

Grantor represents and warrants that Exhibits A, B, and C attached hereto set forth any and all intellectual property rights in connection to which Grantor has registered or filed an application with either the United States Patent and Trademark Office or the United States Copyright Office, as applicable.

Grantor acknowledges and agrees that Bank may, in its sole discretion, amend and file or re-file this Agreement with the applicable governmental agency, without first obtaining Grantor's approval of or signature to such amendment, by amending Exhibits A, B and C hereto to include reference to any right, title or interest in any Copyrights, Patents or Trademarks acquired by Grantor after the date hereof or to delete any reference to any right, title or interest in any Copyrights, Patents or Trademarks in which Grantor no longer has or claims to have any right, title or interest.

The parties agree that the electronic signature of a party to this Agreement shall be as valid as an original manually executed signature of such party and shall be effective to bind such party to this Agreement, and that any electronically signed document (including this Agreement) shall be deemed (i) to be "written" or "in writing," and (ii) to have been "signed" or "duly executed". For purposes hereof, "electronic signature" means a manually-signed original signature that is then transmitted by electronic means or a signature through an electronic signature technology platform. Notwithstanding the foregoing, Bank may require original manually executed signatures. If Bank determines in its sole discretion that the Agreement has not been timely executed by Grantor, then the Agreement shall be considered null and void. Grantor hereby agrees that Bank shall not have any liability of any nature or kind to any a loan party, including, but not limited to Grantor, in connection therewith.

[Remainder of Page Intentionally Left Blank]

IN WITNESS WHEREOF, the parties have caused this Intellectual Property Security Agreement  
to be duly executed by its officers thereunto duly authorized as of the first date written above.

GRANTOR:

Address of Grantor:

4390 US Highway 1, Suite 120  
Princeton, New Jersey 08540  
Attn: Ronald Gravino

INVIDI TECHNOLOGIES CORPORATION

DocuSigned by:  
*Christopher O'Toole*  
By: DD8B118C7DB446D...

Name: Christopher O'Toole  
Title: President and CFO

Address of Bank:

Comerica Bank  
National Documentation Services  
39200 Six Mile Rd.  
Mail Code 7578  
Livonia, MI 48152

BANK:

COMERICA BANK

DocuSigned by:  
*Elizabeth McDonald*  
By: 466F2A8730FB49D...

Name: Elizabeth McDonald  
Title: Senior Vice President

EXHIBIT A

**Copyrights**

None.

COPY VIEW

[Exhibit A]

4888-9787-7898\_1

**PATENT**  
**REEL: 065773 FRAME: 0830**

**EXHIBIT B****Patents****U.S. PATENTS**

Title	App. No.	Filing Date	Patent No.	Granted Date	Owner	Security Interests
TARGETED IMPRESSION MODEL FOR BROADCAST NETWORK ASSET DELIVERY	13/188,620	07/22/2011	10,666,904	05/26/2020	INVIDI TECHNOLOGIES CORPORATION	None
CONTENT SELECTION BASED ON SIGNALING FROM CUSTOMER PREMISES EQUIPMENT IN A BROADCAST NETWORK	11/331,835	01/12/2006	8,108,895	1/31/2012	INVIDI TECHNOLOGIES CORPORATION	None
REPORTING OF USER EQUIPMENT SELECTED CONTENT DELIVERY	11/332,773	8/25/2006	8,065,703	11/21/2011	INVIDI TECHNOLOGIES CORPORATION	None
VOTING AND HEADEND INSERTION MODEL FOR TARGETING CONTENT IN A BROADCAST NETWORK	12/177,748	07/22/2008	7,546,619	6/9/2009	INVIDI TECHNOLOGIES CORPORATION	None
REQUEST FOR INFORMATION RELATED TO BROADCAST NETWORK CONTENT	15/623,172	06/14/2017	11,570,406	1/31/2023	INVIDI TECHNOLOGIES CORPORATION	None
REQUEST FOR INFORMATION RELATED TO BROADCAST NETWORK CONTENT	13/418,121	3/12/2012	9,712,788	7/18/2017	INVIDI TECHNOLOGIES CORPORATION	None
REQUEST FOR INFORMATION RELATED TO BROADCAST NETWORK CONTENT	12/467,890	05/18/2009	8,146,126	3/27/2012	INVIDI TECHNOLOGIES CORPORATION	None
NATIONAL INSERTION OF TARGETED ADVERTISEMENT	17/655,763	03/21/2022			INVIDI TECHNOLOGIES CORPORATION	None
NATIONAL INSERTION OF TARGETED ADVERTISEMENT	14/842,819	09/01/2015	9,503,795	11/22/2016	INVIDI TECHNOLOGIES CORPORATION	None
NATIONAL INSERTION OF TARGETED ADVERTISEMENT	14/226,699	03/26/2014	9,124,915	09/01/2015	INVIDI TECHNOLOGIES CORPORATION	None
NATIONAL INSERTION OF TARGETED ADVERTISEMENT	12/536,347	08/05/2009	8,776,115	07/08/2014	INVIDI TECHNOLOGIES CORPORATION	None
FUZZY LOGIC BASED VIEWER IDENTIFICATION FOR TARGETED ASSET DELIVERY SYSTEM	11/743,544	05/02/2007	7,698,236	04/13/2010	INVIDI TECHNOLOGIES CORPORATION	None
ASSET DELIVERY REPORTING IN A BROADCAST NETWORK	11/332,772	01/12/2006	7,730,509	06/01/2010	INVIDI TECHNOLOGIES CORPORATION	None
ASSET TARGETING SYSTEM FOR LIMITED RESOURCE ENVIRONMENTS	12/913,338	10/27/2010	9,904,925	02/27/2018	INVIDI TECHNOLOGIES CORPORATION	None
ASSET TARGETING SYSTEM FOR LIMITED RESOURCE ENVIRONMENTS	12/022,209	01/30/2008	7,849,477	12/07/2010	INVIDI TECHNOLOGIES CORPORATION	None

[Exhibit B]

**PATENT****REEL: 065773 FRAME: 0831**



Title	App. No.	Filing Date	Patent No.	Granted Date	Owner	Security Interests
UNIVERSALLY INTERACTIVE REQUEST FOR INFORMATION	15/683,023	08/22/2017	11,222,062	01/11/2022	INVIDI TECHNOLOGIES CORPORATION	None
SYSTEM AND METHOD FOR INSERTING MEDIA BASED ON KEYWORD SEARCH	11/761,976	06/12/2007	8,272,009	09/18/2012	INVIDI TECHNOLOGIES CORPORATION	None
PRIOR SCHEDULING OF MULTIPLE ASSETS WITHIN A COLLECTION OF ASSET DELIVERY OPPORTUNITIES	15/354,518	11/17/2016	9,961,379	05/01/2018	INVIDI TECHNOLOGIES CORPORATION	None
PRIOR SCHEDULING OF MULTIPLE ASSETS WITHIN A COLLECTION OF ASSET DELIVERY OPPORTUNITIES	13/429,171	03/23/2012	9,530,148	12/27/2016	INVIDI TECHNOLOGIES CORPORATION	None
TARGETING CONTENT BASED ON LOCATION	16/126,789	09/10/2018	11,540,000	12/27/2022	INVIDI TECHNOLOGIES CORPORATION	None
TARGETING CONTENT BASED ON LOCATION	14/502,830	09/30/2014	10,075,754	09/11/2018	INVIDI TECHNOLOGIES CORPORATION	None
TARGETING CONTENT BASED ON LOCATION	12/024,666	02/01/2008	8,850,473	09/30/2014	INVIDI TECHNOLOGIES CORPORATION	None
INTELLIGENT TARGETING OF TAGS IN A BROADCAST NETWORK	12/024,757	02/01/2008	9,396,475	07/19/2016	INVIDI TECHNOLOGIES CORPORATION	None
PLAY TIME ADJUSTMENT OF ASSETS FOR TARGETED ASSET SYSTEM	12/559,292	09/14/2009	9,628,869	04/18/2017	INVIDI TECHNOLOGIES CORPORATION	None
THIRD PARTY DATA MATCHING FOR TARGETED ADVERTISING	15/670,165	08/07/2017	10,129,589	11/13/2018	INVIDI TECHNOLOGIES CORPORATION	None
THIRD PARTY DATA MATCHING FOR TARGETED ADVERTISING	13/870,870	04/25/2013	9,729,916	08/08/2017	INVIDI TECHNOLOGIES CORPORATION	None
RESOURCE ALLOCATION IN COMMUNICATIONS NETWORKS USING PROBABILITY FORECASTS	17/167,954	02/04/2021	11,581,968	02/14/2023	INVIDI TECHNOLOGIES CORPORATION	None
RESOURCE ALLOCATION IN COMMUNICATIONS NETWORKS USING PROBABILITY FORECASTS	16/517,406	07/19/2019	10,951,335	03/16/2021	INVIDI TECHNOLOGIES CORPORATION	None
RESOURCE ALLOCATION IN COMMUNICATIONS NETWORKS USING PROBABILITY FORECASTS	15/833,647	12/06/2017	10,404,390	09/03/2019	INVIDI TECHNOLOGIES CORPORATION	None
Cloud-based decisioning for addressable asset system	15/403,837	01/11/2017	10,523,992	12/31/2019	INVIDI TECHNOLOGIES CORPORATION	None
MANAGING ADDRESSABLE ASSET CAMPAIGNS ACROSS MULTIPLE DEVICES	16/932,042	07/17/2020	11,689,758	06/27/2023	INVIDI TECHNOLOGIES CORPORATION	None

Title	App. No.	Filing Date	Patent No.	Granted Date	Owner	Security Interests
MANAGING ADDRESSABLE ASSET CAMPAIGNS ACROSS MULTIPLE DEVICES	15/403,827	01/11/2017	10,735,795	08/04/2020	INVIDI TECHNOLOGIES CORPORATION	None
MEDIAHUB FOR CONTROLLING AND MONITORING THE DISTRIBUTION OF TARGETED ASSETS	16/592,405	10/03/2019	11,451,848	09/20/2022	INVIDI TECHNOLOGIES CORPORATION	None
SATELLITE SWITCHING FOR ADDRESSABLE ASSET DELIVERY	15/403,847	01/11/2017	11,750,854	09/05/2023	INVIDI TECHNOLOGIES CORPORATION	None
NATIONAL INSERTION OF TARGETED ADVERTISEMENT	17/121,473	12/14/2020	11,284,166	03/22/2022	INVIDI TECHNOLOGIES CORPORATION	None
NATIONAL INSERTION OF TARGETED ADVERTISEMENT	15/358,798	11/22/2016	10,897,656	01/19/2021	INVIDI TECHNOLOGIES CORPORATION	None
TARGETING CONTENT BASED ON LOCATION	18/146,254	12/23/2022			INVIDI TECHNOLOGIES CORPORATION	None
PREDICTIVE PROGRAMMATIC SYSTEM FOR AUDIENCE IDENTIFICATION AND ANALYSIS	15/043,493	02/12/2016			INVIDI TECHNOLOGIES CORPORATION	None
UNIVERSALLY INTERACTIVE REQUEST FOR INFORMATION	17/647,544	01/10/2022			INVIDI TECHNOLOGIES CORPORATION	None
CLOUD-BASED DECISIONING FOR ADDRESSABLE ASSET SYSTEM	17/452,161	10/25/2021			INVIDI TECHNOLOGIES CORPORATION	None
VERIFYING AND ENCOURAGING ASSET CONSUMPTION IN A COMMUNICATIONS NETWORK	16/025,766	07/02/2018			INVIDI TECHNOLOGIES CORPORATION	None
ASSET TARGETING SYSTEM FOR LIMITED RESOURCE ENVIRONMENTS	16/173,943	10/29/2018	10,762,509	09/01/2020	INVIDI TECHNOLOGIES CORPORATION	None
TARGETED ADVERTISING IN UNICAST, MULTICAST AND HYBRID DISTRIBUTION SYSTEM CONTEXTS	16/230,773	12/21/2018			INVIDI TECHNOLOGIES CORPORATION	None
PACING FOR ASSET DELIVERY IN A COMMUNICATIONS NETWORK	16/382,023	04/11/2019			INVIDI TECHNOLOGIES CORPORATION	None
METHOD AND APPARATUS FOR COMBINING METADATA AND CONTENT STREAM MANIFEST FILES FOR PROCESSING ON CLIENT DEVICES	16/600,262	10/11/2019			INVIDI TECHNOLOGIES CORPORATION	None
SYSTEM FOR MULTICAST TRANSMISSION OF TARGETED ASSETS	16/592,497	10/03/2019			INVIDI TECHNOLOGIES CORPORATION	None

Title	App. No.	Filing Date	Patent No.	Granted Date	Owner	Security Interests
MEDIAHUB FOR CONTROLLING AND MONITORING THE DISTRIBUTION OF TARGETED ASSETS	17/659,420	04/15/2022			INVIDI TECHNOLOGIES CORPORATION	None
PROVIDING FRAME ACCURATE REPLACEMENT SIGNALS IN CONTENT STREAMS	18/060,413	11/30/2022			INVIDI TECHNOLOGIES CORPORATION	None
RESOURCE ALLOCATION IN COMMUNICATIONS NETWORKS USING PROBABILITY FORECASTS	18/169,089	02/14/2023			INVIDI TECHNOLOGIES CORPORATION	None

**U.S. REGISTERED COPYRIGHTS**

None.

COPY  
VIEW

[Exhibit B]

PATENT

RECORDED: 12/05/2023

REEL: 065773 FRAME: 0834