

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ANTONINO TODARO	11/05/2018
PAOLO PEDRETTI	11/05/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	MBDS, INC.
<b>Street Address:</b>	70 WEST MADISON STREET, SUITE 3500
<b>City:</b>	CHICAGO
<b>State/Country:</b>	ILLINOIS
<b>Postal Code:</b>	60602
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16188261
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(312)977-4405
<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>Email:</b>	smonreal@nixonpeabody.com
<b>Correspondent Name:</b>	NIXON PEABODY LLP
<b>Address Line 1:</b>	70 WEST MADISON STREET, SUITE 3500
<b>Address Line 4:</b>	CHICAGO, ILLINOIS 60602
<b>ATTORNEY DOCKET NUMBER:</b>	291236-010000USP1
<b>NAME OF SUBMITTER:</b>	JUSTIN D. SWINDELLS
<b>SIGNATURE:</b>	/Justin D. Swindells - Reg. No. 48,733/
<b>DATE SIGNED:</b>	02/04/2019
<b>Total Attachments: 3</b>	
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**ASSIGNMENT**

**WHEREAS**, we, **ANTONINO TODARO** and **PAOLO PEDRETTI**, have invented certain new and useful improvements in the following: “**ASCII-SEEDED RANDOM NUMBER GENERATOR**,” for which we have made an application for United States Letters Patent; the said application filed on June 12, 2017, as Application Serial No. 15/620,455, and

**WHEREAS**, MBDS, INC., a corporation organized and existing under the laws of the State of Delaware, having its principal place of business at 70 West Madison Avenue, Suite 3500, Chicago, IL 60602 (hereinafter referred to as “**ASSIGNEE**”), is desirous of acquiring our entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon.

**NOW, THEREFORE**, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we do hereby sell, assign and transfer unto **ASSIGNEE**, its successors, assigns and legal representatives our entire right, title and interest in and to said invention and in and to said applications and all patents which may be granted therefore, and all provisionals, divisionals, reissues, substitutions, continuations, continuations-in-part and extensions thereof; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as our interest is concerned, to the said **ASSIGNEE** of our entire right, title and interest.

We also hereby sell and assign to said **ASSIGNEE**, its successors, assigns and legal representatives the full and exclusive rights, title and interest to the invention disclosed in said applications throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and

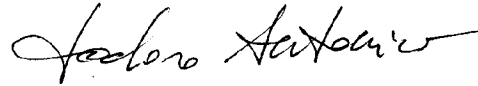
We further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title and interest in **ASSIGNEE**, its successors, assigns and legal representatives.

We hereby further agree that we will communicate to said **ASSIGNEE**, or its successors, assigns and legal representatives, any facts known to us respecting any improvements; and, at the expense of said **ASSIGNEE**, to testify in any legal proceedings, sign all lawful papers, execute all provisional, divisional, continuation, continuation-in-part, reissue, and substitute applications, make all lawful oaths, and generally do everything possible to vest title in said **ASSIGNEE** and to aid said **ASSIGNEE**, its successors, assigns, and legal representatives to obtain and enforce proper protection for said invention in all countries.

Customer No.: 70001

**ASSIGNMENT**  
Atty. Docket No. 291236-010000USPT

Executed this 05th day of November , 2018.



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Name: Antonino Todaro

Customer No.: 70001

**ASSIGNMENT**  
Atty. Docket No. 291236-010000USPT

Executed this 05th day of November , 2018.

A handwritten signature in black ink, appearing to read 'Paolo Pedretti', written over a horizontal line.

Name: Paolo Pedretti