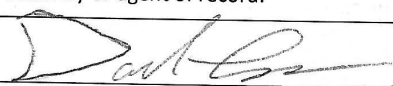


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DISCLAIMER IN A PATENT UNDER 37 CFR 1.321(a)	
Name of Patentee <b>Constellation Designs, LLC</b>	Docket Number (optional)
Patent Number <b>10,693,700</b>	Date Patent Issued <b>June 23, 2020</b>
Title of Invention <b>RECEIVERS INCORPORATING NON-UNIFORM MULTIDIMENSIONAL CONSTELLATIONS AND CODE RATE PAIRS</b>	
Patentee hereby disclaims: <input checked="" type="checkbox"/> the following complete claim(s) in the above-identified patent: <u>2-3, 12-13, and 22-23</u> <input type="checkbox"/> the terminal part of the term of the above-identified patent beginning on the date: _____ <input type="checkbox"/> the entire term of the above-identified patent.	
The disclaimer is binding on the patentee and its successors or assigns.	
The extent of patentee's ownership interest in the above-identified patent is: <u>100%</u>	
The fee for this disclaimer is set forth in 37 CFR 1.20(d) and is being paid in the following manner: <input type="checkbox"/> payment by the USPTO's patent electronic filing system (Patent Center or EFS-Web). <input checked="" type="checkbox"/> the Director is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account No. <u>50-0311</u> <input type="checkbox"/> payment by credit card. Form PTO-2038 is attached. <input type="checkbox"/> a check in the amount of the fee is enclosed.	
WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on form PTO-2038.	
The undersigned is: <input checked="" type="checkbox"/> patentee. If patentee is a juristic entity, the undersigned is authorized to act on behalf of the juristic entity. <input type="checkbox"/> attorney or agent of record.	
Signature 	Date <b>September 29, 2023</b>
Name (printed/typed) <b>David Loo</b>	Practitioner registration number
<b>Note:</b> See 37 CFR 1.4(d) for signature requirements and certifications.	

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## ELECTRONIC ACKNOWLEDGEMENT RECEIPT

APPLICATION #  
**16/726,037**

RECEIPT DATE / TIME  
**10/02/2023 10:49:38 AM ET**

ATTORNEY DOCKET #  
**C44-00999.CON7**

### Title of Invention

Receivers Incorporating Non-Uniform Multidimensional Constellations and Code Rate Pairs

### Application Information

APPLICATION TYPE	Utility - Nonprovisional Application under 35 USC 111(a)	PATENT #	10693700
CONFIRMATION #	5423	FILED BY	Whitney Thomson
PATENT CENTER #	62907983	FILING DATE	12/23/2019
CUSTOMER #	71897	FIRST NAMED INVENTOR	Maged F. Barsoum
CORRESPONDENCE ADDRESS	-	AUTHORIZED BY	Kevin Amendt

### Documents

**TOTAL DOCUMENTS: 1**

DOCUMENT	PAGES	DESCRIPTION	SIZE (KB)
Statutory Disclaimer.pdf	1	Statutory disclaimers per Manual of Patent Examining Procedure(MPEP) 1490.	1239 KB

### Digest

DOCUMENT	MESSAGE DIGEST(SHA-512)
Statutory Disclaimer.pdf	FA9F5CABF9E452CC3A23D0345B5E6CC742FACC468B4066D7 93E08417337711FCDD54B63542675D88D0D78A21E809DDABD 4D7B737A1CD47174AB2A6CD87AD02C6

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

**New Applications Under 35 U.S.C. 111**

If a new application is being filed and the application includes the necessary components for filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application

**National Stage of an International Application under 35 U.S.C. 371**

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

**New International Application Filed with the USPTO as a Receiving Office**

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.



## ELECTRONIC PAYMENT RECEIPT

APPLICATION #  
**16/726,037**

RECEIPT DATE / TIME  
**10/02/2023 10:49:38 AM ET**

ATTORNEY DOCKET #  
**C44-00999.CON7**

### Title of Invention

Receivers Incorporating Non-Uniform Multidimensional Constellations and Code Rate Pairs

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CONFIRMATION #	5423	FILED BY	Whitney Thomson
PATENT CENTER #	62907983	AUTHORIZED BY	Kevin Amendt
CUSTOMER #	71897	FILING DATE	12/23/2019
CORRESPONDENCE ADDRESS	-	FIRST NAMED INVENTOR	Maged F. Barsoum

### Payment Information

PAYMENT METHOD DA / 500311	PAYMENT TRANSACTION ID E202302A56357124	PAYMENT AUTHORIZED BY Whitney Thomson
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FEE CODE	DESCRIPTION	ITEM PRICE(\$)	QUANTITY	ITEM TOTAL(\$)
1814	STATUTORY DISCLAIMER, INCLUDING TERMINAL DISCLAIMER	170.00	1	170.00
			<b>TOTAL AMOUNT:</b>	<b>\$170.00</b>

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