506567297 03/22/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6614076

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HANNA SANBORN	02/23/2021
JENNIFER MIZZI	03/08/2021
JEFFREY USS	02/24/2021
ROGELIO DECASA JR.	02/24/2021
NATHAN WARMS	02/23/2021
ZACHARY SMITH	03/05/2021
ERICK CHING	02/25/2021

RECEIVING PARTY DATA

Name:	ARISTOCRAT TECHNOLOGIES, INC.
Street Address:	10220 ARISTOCRAT WAY
City:	LAS VEGAS
State/Country:	NEVADA
Postal Code:	89135

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17248504

CORRESPONDENCE DATA

Fax Number: (510)663-0920

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: 5106631100

Email: jmorrison@wavsip.com

Correspondent Name: WEAVER AUSTIN VILLENEUVE & SAMPSON LLP

Address Line 1: P.O. BOX 70250

Address Line 4: OAKLAND, CALIFORNIA 94612-0250

ATTORNEY DOCKET NUMBER:	ARISP055
NAME OF SUBMITTER:	CHRISTIAN D. SCHOLZ
SIGNATURE:	/Christian Scholz/
DATE SIGNED:	03/22/2021

PATENT 506567297 REEL: 055677 FRAME: 0938

Total Attachments: 28 source=P06321USU1_ARISP055US_Executed_Assignment#page1.tif source=P06321USU1 ARISP055US Executed Assignment#page2.tif source=P06321USU1 ARISP055US Executed Assignment#page3.tif source=P06321USU1 ARISP055US Executed Assignment#page4.tif source=P06321USU1 ARISP055US Executed Assignment#page5.tif source=P06321USU1 ARISP055US Executed Assignment#page6.tif source=P06321USU1 ARISP055US Executed Assignment#page7.tif source=P06321USU1 ARISP055US Executed Assignment#page8.tif source=P06321USU1 ARISP055US Executed Assignment#page9.tif source=P06321USU1 ARISP055US Executed Assignment#page10.tif source=P06321USU1 ARISP055US Executed Assignment#page11.tif source=P06321USU1 ARISP055US Executed Assignment#page12.tif source=P06321USU1 ARISP055US Executed Assignment#page13.tif source=P06321USU1_ARISP055US_Executed_Assignment#page14.tif source=P06321USU1_ARISP055US_Executed_Assignment#page15.tif source=P06321USU1_ARISP055US_Executed_Assignment#page16.tif source=P06321USU1 ARISP055US Executed Assignment#page17.tif source=P06321USU1 ARISP055US Executed Assignment#page18.tif source=P06321USU1 ARISP055US Executed Assignment#page19.tif source=P06321USU1 ARISP055US_Executed_Assignment#page20.tif source=P06321USU1 ARISP055US Executed Assignment#page21.tif source=P06321USU1 ARISP055US Executed Assignment#page22.tif source=P06321USU1 ARISP055US Executed Assignment#page23.tif source=P06321USU1 ARISP055US Executed Assignment#page24.tif source=P06321USU1 ARISP055US Executed Assignment#page25.tif source=P06321USU1 ARISP055US Executed Assignment#page26.tif source=P06321USU1 ARISP055US Executed Assignment#page27.tif source=P06321USU1 ARISP055US Executed Assignment#page28.tif

I/We,	
Har	nna Sanborn of Georgetown, TX,
Jen	nifer Mizzi of Round Rock, TX,
Jef	frey Uss of Liberty Hill, TX,
Ros	gelio Decasa Jr. of Renton, WA,
Nat	than Warms of Austin, TX,
Zac	chary Smith of Austin, TX, and
Eri	ck Ching of Cedar Park, TX,
_	eventor(s), for good and valuable consideration, the receipt, sufficiency, and he are hereby acknowledged by the undersigned, hereby sell and assign, and transfer, to
	Aristocrat Technologies Australia Pty Limited, Building A, Pinnacle Office Park, 5 Epping Road, North Ryde NSW 2113, Australia, an Australian entity,
	Aristocrat Technologies, Inc., 10220 Aristocrat Way, Las Vegas, NV 89135, United States, a Nevada corporation,
title and interest in priority rights und	ed to as "Assignee"), together with its successors and assigns, the entire right, in the United States and all other countries throughout the world, including all ler any and all treaties, conventions, or agreements, in and to the application for itent currently titled:
PERSISTENT	SYMBOL POSITION ARRAYS WITH ARRAY GROWTH IN BOTH BASE GAME AND FEATURE GAME
e:	xecuted concurrently herewith,
\boxtimes s	erial No. 17/248,504; filed on January 27, 2021,
ex	xecuted on,
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	entire right, title and interest in and to any and all other applications or patents
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in any country that may be based, in whole or in part, upon the aforesaid inventions,
discoveries, or improvements, and the right to claim priority to the abovereferenced application, including all certificates of corrections, continuations,
continuations-in-part, divisionals, utility models, registrations, appeals, reissues,
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- rights that may be granted thereon, and all priority rights under any and all treaties, conventions, or agreements in such applications or patents; and
- the right to all causes of action, remedies, and other enforcement rights related to
 the above-identified application or applications, including without limitation the
 right to sue for past, present, or future infringement, misappropriation, or violation
 of any and all rights related to the above-identified patent application or
 applications and any of the foregoing, including the right to obtain and collect
 damages for past, present, or future infringement.
- **AND**, I/we authorize and request the United States Patent and Trademark Office and any other issuing authority to issue any and all United States and foreign patents granted on such inventions, discoveries, or improvements to the Assignee, which are to be issued for the sole use and on behalf of the Assignee, its successors and assigns.
- **AND**, I/we further authorize and grant any attorney associated with PTO Customer No. 155201 the power to delete, insert, or alter any information on this Assignment as necessary or desirable to (i) identify the application or (ii) comply with any applicable legal requirement, after execution of this Assignment.
- **AND**, I/we further covenant and agree, on request and without further consideration, to carry out in good faith the intent and purpose of this Assignment, and will:
 - execute all provisional, non-provisional, divisional, continuation, continuation-inpart, substitute, renewal, reissue and all other applications for patent on any and all such inventions, discoveries, or improvements;
 - execute all rightful oaths, declarations, assignments, powers of attorney and other papers;
 - communicate to the Assignee, its successors and assigns, all facts known to us relating to such inventions, discoveries, or improvements and the history thereof;
 - cooperate with the Assignee, its successors and assigns, in any derivation, interference, opposition, litigation, post-grant proceeding, or dispute involving any of the applications or patents for such inventions, discoveries, or improvements; and
 - generally do everything possible that the Assignee, its successors or assigns, shall consider desirable for vesting title to such inventions, discoveries, or improvements in the Assignee, its successors and assigns, and for securing, maintaining, and enforcing proper patent protection for such inventions, discoveries, or improvements.

AND, I/we warrant and covenant that no assignment, grant, mortgage, license, encumbrance or other agreement affecting the rights and property herein conveyed has been or will be made to others by us, and that the full right, title and interest to convey the same as herein expressed is possessed by us.

THIS AGREEMENT IS TO BE BINDING on the heirs, assigns, representatives, and successors of the Undersigned, and is to extend to the benefit of the successors, assigns, and nominees of the Assignee.

IN WITNESS WHEREOF, I/we have set our hands and seals on the dates written beside our respective names:

INVENTOR 1:		
Inventor's signature:	HANNA SANBORN	Date: 2/23/2021
INVENTOR 2:		
Inventor's signature:	JENNIFER MIZZI	Date:
INVENTOR 3:		
Inventor's signature:	JEFFREY USS	Date:
INVENTOR 4:		
Inventor's signature:	ROGELIO DECASA JR.	Date:
INVENTOR 5:		
Inventor's signature:	NATHAN WARMS	Date:

INVENTOR 6:	
Inventor's signature:	
ZACHARY SMI INVENTOR 7:	ТН
Inventor's signature:	Date:

I/We,
Hanna Sanborn of Georgetown, TX,
Jennifer Mizzi of Round Rock, TX,
Jeffrey Uss of Liberty Hill, TX,
Rogelio Decasa Jr. of Renton, WA,
Nathan Warms of Austin, TX,
Zachary Smith of Austin, TX, and
Erick Ching of Cedar Park, TX,
the undersigned inventor(s), for good and valuable consideration, the receipt, sufficiency, and adequacy of which are hereby acknowledged by the undersigned, hereby sell and assign, and forever grant and transfer, to
Aristocrat Technologies Australia Pty Limited, Building A, Pinnacle Office Park, 85 Epping Road, North Ryde NSW 2113, Australia, an Australian entity,
Aristocrat Technologies, Inc., 10220 Aristocrat Way, Las Vegas, NV 89135, United States, a Nevada corporation,
(hereinafter referred to as "Assignee"), together with its successors and assigns, the entire right, title and interest in the United States and all other countries throughout the world, including all priority rights under any and all treaties, conventions, or agreements, in and to the application for a United States Patent currently titled:
PERSISTENT SYMBOL POSITION ARRAYS WITH ARRAY GROWTH IN BOTH BASE GAME AND FEATURE GAME
executed concurrently herewith,
Serial No. 17/248,504; filed on January 27, 2021,
executed on
and to all inventions, discoveries, or improvements disclosed or described in said application.
AND, I/we further sell and assign, and forever grant and transfer, to Assignee:
• the entire right title and interest in and to any and all other applications or patents

• the entire right, title and interest in and to any and all other applications or patents in any country that may be based, in whole or in part, upon the aforesaid inventions, discoveries, or improvements, and the right to claim priority to the above-referenced application, including all certificates of corrections, continuations, continuations-in-part, divisionals, utility models, registrations, appeals, reissues, reexaminations, renewals, substitutions, any extensions thereof, and other similar

- rights that may be granted thereon, and all priority rights under any and all treaties, conventions, or agreements in such applications or patents; and
- the right to all causes of action, remedies, and other enforcement rights related to
 the above-identified application or applications, including without limitation the
 right to sue for past, present, or future infringement, misappropriation, or violation
 of any and all rights related to the above-identified patent application or
 applications and any of the foregoing, including the right to obtain and collect
 damages for past, present, or future infringement.
- **AND**, I/we authorize and request the United States Patent and Trademark Office and any other issuing authority to issue any and all United States and foreign patents granted on such inventions, discoveries, or improvements to the Assignee, which are to be issued for the sole use and on behalf of the Assignee, its successors and assigns.
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 - execute all rightful oaths, declarations, assignments, powers of attorney and other papers;
 - communicate to the Assignee, its successors and assigns, all facts known to us relating to such inventions, discoveries, or improvements and the history thereof;
 - cooperate with the Assignee, its successors and assigns, in any derivation, interference, opposition, litigation, post-grant proceeding, or dispute involving any of the applications or patents for such inventions, discoveries, or improvements; and
 - generally do everything possible that the Assignee, its successors or assigns, shall
 consider desirable for vesting title to such inventions, discoveries, or improvements
 in the Assignee, its successors and assigns, and for securing, maintaining, and
 enforcing proper patent protection for such inventions, discoveries, or
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INVENTOR 1:		
Inventor's signature:	HANNA SANBORN	Date:
INVENTOR 2:		
Inventor's signature:	JENNIFER MIZZI	Date: 3/8/2021
INVENTOR 3:		
Inventor's signature:	JEFFREY USS	Date:
INVENTOR 4:		
Inventor's signature:	ROGELIO DECASA JR.	Date:
INVENTOR 5:		
Inventor's signature:	NATHAN WARMS	Date:

INVENTOR 6:	
Inventor's signature: ZACHARY SM	
INVENTOR 7:	
Inventor's signature:	Date:

I/We,	
Hanna Sanborn of Georgetown, TX	
Jennifer Mizzi of Round Rock, TX,	
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Zachary Smith of Austin, TX, and	
Erick Ching of Cedar Park, TX,	
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<u>—</u>	Pty Limited, Building A, Pinnacle Office Park, W 2113, Australia, an Australian entity,
Aristocrat Technologies, Inc., 10 United States, a Nevada corporati	0220 Aristocrat Way, Las Vegas, NV 89135, on,
(hereinafter referred to as "Assignee"), together we title and interest in the United States and all other priority rights under any and all treaties, convention a United States Patent currently titled:	r countries throughout the world, including all
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Inventor's signature: _	JENNIFER MIZZI	Date:	
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Inventor's signature: _	Jeffrey USS	Date:	02 / 24 / 2021
INVENTOR 4:			
Inventor's signature: _	ROGELIO DECASA JR.	Date:	
INVENTOR 5:			
Inventor's signature: _	NATHAN WARMS	Date:	

INVENTOR 6:		
Inventor's signature:	ZACHARY SMITH	Date:
INVENTOR 7:		
Inventor's signature:	EDICK CHINC	Date:

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INVENTOR 3:				
Inventor's signature:	JEFFREY USS	Date:		
INVENTOR 4:	1			
Inventor's signature:	ROGELIO DECAŠA JR.	Date:	2/24/21	
INVENTOR 5:	· ·			
Inventor's signature:	NATHAN WARMS	Date:		

INVENTOR 6:	
Inventor's signature: ZACHARY SM	
INVENTOR 7:	
Inventor's signature:	Date:

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Inventor's signature:	JEFFREY USS	Date:
INVENTOR 4:		
Inventor's signature: INVENTOR 5:	ROGELIO DECASA JR.	Date:
HAVENIUR 3;		
Inventor's signature:	Noteen Works	Date: 2/23/2021

INVENTOR 6:		
Inventor's signature:	ZACHARY SMITH	Date:
INVENTOR 7:		
Inventor's signature:	EDICK CHINC	Date:

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Aristocrat Technologies Australia Pty Limited, Building A, Pinnacle Office Park, 85 Epping Road, North Ryde NSW 2113, Australia, an Australian entity,
Aristocrat Technologies, Inc., 10220 Aristocrat Way, Las Vegas, NV 89135, United States, a Nevada corporation,
(hereinafter referred to as "Assignee"), together with its successors and assigns, the entire right, title and interest in the United States and all other countries throughout the world, including all priority rights under any and all treaties, conventions, or agreements, in and to the application for a United States Patent currently titled:
PERSISTENT SYMBOL POSITION ARRAYS WITH ARRAY GROWTH IN BOTH BASE GAME AND FEATURE GAME
executed concurrently herewith,
Serial No. 17/248,504; filed on January 27, 2021,
executed on,
and to all inventions, discoveries, or improvements disclosed or described in said application.
AND, I/we further sell and assign, and forever grant and transfer, to Assignee:
• the entire right, title and interest in and to any and all other applications or patents

 the entire right, title and interest in and to any and all other applications or patents in any country that may be based, in whole or in part, upon the aforesaid inventions, discoveries, or improvements, and the right to claim priority to the abovereferenced application, including all certificates of corrections, continuations, continuations-in-part, divisionals, utility models, registrations, appeals, reissues, reexaminations, renewals, substitutions, any extensions thereof, and other similar

- rights that may be granted thereon, and all priority rights under any and all treaties, conventions, or agreements in such applications or patents; and
- the right to all causes of action, remedies, and other enforcement rights related to
 the above-identified application or applications, including without limitation the
 right to sue for past, present, or future infringement, misappropriation, or violation
 of any and all rights related to the above-identified patent application or
 applications and any of the foregoing, including the right to obtain and collect
 damages for past, present, or future infringement.
- **AND**, I/we authorize and request the United States Patent and Trademark Office and any other issuing authority to issue any and all United States and foreign patents granted on such inventions, discoveries, or improvements to the Assignee, which are to be issued for the sole use and on behalf of the Assignee, its successors and assigns.
- **AND**, I/we further authorize and grant any attorney associated with PTO Customer No. 155201 the power to delete, insert, or alter any information on this Assignment as necessary or desirable to (i) identify the application or (ii) comply with any applicable legal requirement, after execution of this Assignment.
- **AND**, I/we further covenant and agree, on request and without further consideration, to carry out in good faith the intent and purpose of this Assignment, and will:
 - execute all provisional, non-provisional, divisional, continuation, continuation-inpart, substitute, renewal, reissue and all other applications for patent on any and all such inventions, discoveries, or improvements;
 - execute all rightful oaths, declarations, assignments, powers of attorney and other papers;
 - communicate to the Assignee, its successors and assigns, all facts known to us relating to such inventions, discoveries, or improvements and the history thereof;
 - cooperate with the Assignee, its successors and assigns, in any derivation, interference, opposition, litigation, post-grant proceeding, or dispute involving any of the applications or patents for such inventions, discoveries, or improvements; and
 - generally do everything possible that the Assignee, its successors or assigns, shall
 consider desirable for vesting title to such inventions, discoveries, or improvements
 in the Assignee, its successors and assigns, and for securing, maintaining, and
 enforcing proper patent protection for such inventions, discoveries, or
 improvements.

AND, I/we warrant and covenant that no assignment, grant, mortgage, license, encumbrance or other agreement affecting the rights and property herein conveyed has been or will be made to others by us, and that the full right, title and interest to convey the same as herein expressed is possessed by us.

THIS AGREEMENT IS TO BE BINDING on the heirs, assigns, representatives, and successors of the Undersigned, and is to extend to the benefit of the successors, assigns, and nominees of the Assignee.

IN WITNESS WHEREOF, I/we have set our hands and seals on the dates written beside our respective names:

INVENTOR 1:		
Inventor's signature: _	HANNA SANBORN	Date:
INVENTOR 2:		
Inventor's signature: _	JENNIFER MIZZI	Date:
INVENTOR 3:		
Inventor's signature: _	JEFFREY USS	Date:
INVENTOR 4:		
	ROGELIO DECASA JR.	Date:
INVENTOR 5:		
Inventor's signature:	NATHAN WARMS	Date:

Docket No. ARISP055US (ATA docket no. P06321USU1)

INVENTOR 6:	3/5/
	Date:
Inventor's signature: ZACHARY SMITH INVENTOR 7:	
Inventor's signature:	Date:
ERICK CHING	

I/We,	
I	Hanna Sanborn of Georgetown, TX,
J	ennifer Mizzi of Round Rock, TX,
J	effrey Uss of Liberty Hill, TX,
F	Rogelio Decasa Jr. of Renton, WA,
N	Nathan Warms of Austin, TX,
7	Zachary Smith of Austin, TX, and
H	Erick Ching of Cedar Park, TX,
•	inventor(s), for good and valuable consideration, the receipt, sufficiency, and ich are hereby acknowledged by the undersigned, hereby sell and assign, and d transfer, to
	Aristocrat Technologies Australia Pty Limited, Building A, Pinnacle Office Park, 85 Epping Road, North Ryde NSW 2113, Australia, an Australian entity,
	Aristocrat Technologies, Inc., 10220 Aristocrat Way, Las Vegas, NV 89135, United States, a Nevada corporation,
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discoveries, or improvements, and the right to claim priority to the abovereferenced application, including all certificates of corrections, continuations, continuations-in-part, divisionals, utility models, registrations, appeals, reissues, reexaminations, renewals, substitutions, any extensions thereof, and other similar

- rights that may be granted thereon, and all priority rights under any and all treaties, conventions, or agreements in such applications or patents; and
- the right to all causes of action, remedies, and other enforcement rights related to
 the above-identified application or applications, including without limitation the
 right to sue for past, present, or future infringement, misappropriation, or violation
 of any and all rights related to the above-identified patent application or
 applications and any of the foregoing, including the right to obtain and collect
 damages for past, present, or future infringement.
- **AND**, I/we authorize and request the United States Patent and Trademark Office and any other issuing authority to issue any and all United States and foreign patents granted on such inventions, discoveries, or improvements to the Assignee, which are to be issued for the sole use and on behalf of the Assignee, its successors and assigns.
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 - execute all rightful oaths, declarations, assignments, powers of attorney and other papers;
 - communicate to the Assignee, its successors and assigns, all facts known to us relating to such inventions, discoveries, or improvements and the history thereof;
 - cooperate with the Assignee, its successors and assigns, in any derivation, interference, opposition, litigation, post-grant proceeding, or dispute involving any of the applications or patents for such inventions, discoveries, or improvements; and
 - generally do everything possible that the Assignee, its successors or assigns, shall
 consider desirable for vesting title to such inventions, discoveries, or improvements
 in the Assignee, its successors and assigns, and for securing, maintaining, and
 enforcing proper patent protection for such inventions, discoveries, or
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INVENTOR 2:			
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INVENTOR 3:			
Inventor's signature:	JEFFREY USS	Date:	
INVENTOR 4:			
Inventor's signature:	ROGELIO DECASA JR.	Date:	
INVENTOR 5:			
Inventor's signature:	NATHAN WARMS	Date:	

INVENTOR 6:		
Inventor's signature: _		Date:
involtor s signaturo	ZACHARY SMITH	But.
INVENTOR 7:	,	
Inventor's signature: _		Date: February 25, 2021
	ERICK CHING	

RECORDED: 03/22/2021