## 506793590 07/30/2021

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
ROBERT N. WALKER	10/27/2015
JAMES R. CROZERMAN	10/27/2015
JANSEN DONALD KRAY	10/27/2015
MOSA TO FUNG YEUNG	10/27/2015
JAMES GORDON DAGG	10/27/2015

### RECEIVING PARTY DATA

Name:	KINAXIS INC.
Street Address:	700 SILVER SEVEN ROAD
City:	OTTAWA
State/Country:	CANADA
Postal Code:	K2V 1C3

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	17389630

### **CORRESPONDENCE DATA**

Fax Number:

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:** 613-866-9031

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Correspondent Name: STRATFORD GROUP LTD.
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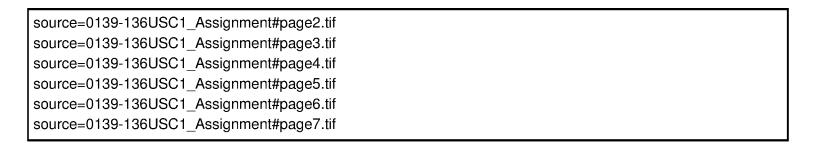
ATTORNEY DOCKET NUMBER:	136USC1
NAME OF SUBMITTER:	SHEEMA KHAN
SIGNATURE:	/Sheema Khan/
DATE SIGNED:	07/30/2021

**Total Attachments: 7** 

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PATENT REEL: 057031 FRAME: 0123

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PATENT REEL: 057031 FRAME: 0124

### ASSIGNMENT

WHEREAS, the undersigned, to wit:

Robert N. WALKER residing at 21 Skeel Court, Ashton, Ontario K0A 1B0, CANADA;

James R. CROZMAN residing at 20 Rein Terrace, Ottawa, Ontario K2M 2A9, CANADA;

Jansen Donald KRAY residing at 509-250 Lett Street, Ottawa, Ontario K1R 0A8, CANADA;

Mosa To Fung YEUNG residing at 189 Colliston Crescent, Ottawa, Ontario K1V 2J6, CANADA;

James Gordon DAGG residing at 12 Larose Street, Almonte, Ontario K0A 1A0, CANADA

(hereinafter collectively ASSIGNORS), have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled:

### "DATA STORAGE USING VECTORS OF VECTORS"

(a)	which is being filed herewith in the United States Patent and Trademark Office;		
(b)	x which was filed as U.S. Patent Application No.		62/068938
	on	October 27, 2014 ;	

AND WHEREAS, Kinaxis Inc. (hereinafter ASSIGNEE), having its principal place of business at 700 Silver Seven Road, Ontario, Ontario K2V 1C3, CANADA, is desirous of acquiring the entire right, title, and interest in and to said invention and any and all patents that may be obtained therefor, and in and to said application and any and all patents that may issue therefrom;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNORS do hereby seil, assign, transfer, and set over unto said ASSIGNEE, its successors, assigns, and legal representatives, all right, title, and interest in and to said invention throughout the world, and any and all patents of the United States and foreign countries that may be obtained therefor, including the right to sue for past infringement and obtain past damages, and in and to said application, including any and all continuations, continuations—inpart, divisionals, reissues, re-examinations, substitutions, and extensions thereof, and any and all patents of the United States and foreign countries that may issue therefrom, such right, title, and interest including the right to file applications and obtain patents, utility models, industrial models, and designs for said invention in the name of said ASSIGNEE, its successors, assigns, and legal

PATENT REEL: 057659 FRAME: 0426

representatives, 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;

ASSIGNORS also do hereby covenant that they have the full right to convey the entire right, title, and interest herein assigned, and that they have not and will not execute any agreement in conflict herewith;

ASSIGNORS also do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States on said invention or resulting from said application, including any continuations, continuations-in-part, divisions, reissues, reexaminations, substitutions, and extensions thereof, to said ASSIGNEE, its successors, assigns, and legal representatives as the ASSIGNEE of the entire right, title, and interest herein assigned;

ASSIGNORS also do hereby agree to, at any time, upon request, without further or additional consideration but at the expense of said ASSIGNEE, its successors, assigns, or legal representatives, execute and deliver any and all papers, make all rightful oaths, and do all lawful acts that may be necessary or desirable to perfect the entire right, title, and interest in said application, including any and all continuations, continuations-in-part, divisionals, reissues, reexaminations, substitutions, and extensions thereof, and any and all patents of the United States and foreign countries that may issue therefrom said ASSIGNEE, its successors, assigns, and legal representatives, and generally do everything possible to vest the entire right, title, and interest herein assigned in said ASSIGNEE, its successors, assigns, and legal representatives;

ASSIGNORS also do hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

WILMER CUTLER PICKERING HALE AND DORR LLP

All practitioners at Customer Number 23483.

This ASSIGNMENT is effective as of October 27, 2014 .

Od. 27. 2015	2.) J.
Date	Robert N. WALKER
Witness:	
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Date	V

2019-10-27	Lance A. Cong
Date	James R. CROZMAN
Witness:	
03.04,2015	<u> </u>
Date	

Oct 27,2016	Lan Kan
Date	Jansen Donald Kray
Witness:	<i>2</i> ,°>
<u>OA. 27, 2075</u> Date	<u>Kan Detrem</u>

Oct 27, 2005	1/2 7/2
Date	Mosa To Fung Yeung
Witness:	
0-0-3-7-30\$\$	La Harm
Date	

October 27, 2015

James Gordon Dagg

Witness:

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