

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT7050142

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	NUNC PRO TUNC ASSIGNMENT
EFFECTIVE DATE:	08/08/2018
CONVEYING PARTY DATA	
Name	Execution Date
SOHAIL ZANGENEHPOUR	11/17/2021
LUIS MIRANDA-MORENO	11/10/2021
CHIASEN CHUNG	11/08/2021
JAMES CLARK	11/16/2021
LIQIANG DING	11/15/2021
RECEIVING PARTY DATA	
Name:	TRANSOFT SOLUTIONS (ITS) INC.
Street Address:	295 HAGEY BOULEVARD
Internal Address:	1ST FLOOR, WEST ENTRANCE
City:	WATERLOO
State/Country:	CANADA
Postal Code:	N2L 6R5
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16535547
CORRESPONDENCE DATA	
Fax Number:	(416)361-1398
<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>	
Phone:	4163647311
Email:	cpascual@bereskinparr.com
Correspondent Name:	BERESKIN & PARR LLP/S.E.N.C.R.L., S.R.L.
Address Line 1:	40 KING STREET WEST
Address Line 2:	40TH FLOOR
Address Line 4:	TORONTO, CANADA M5H 3Y2
ATTORNEY DOCKET NUMBER:	26816-P56507US01
NAME OF SUBMITTER:	JASON B. HYNES
SIGNATURE:	/JBH/
DATE SIGNED:	12/01/2021

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Total Attachments: 5

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CONFIRMATORY ASSIGNMENT

WHEREAS, **Sohail ZANGENEHPOUR; Luis MIRANDA-MORENO; Chiasen CHUNG; James CLARK; and Liqiang DING**, each having the mailing address at **295 Hagey Boulevard, 1st Floor, West Entrance, Waterloo, Ontario N2L 6R5, Canada** (hereinafter "the Assignors"), are the inventors of one or more inventions which are the subject of one or more patent applications as listed in the attached **Schedule A**;

AND WHEREAS **Transoft Solutions (ITS) Inc.**, whose full post office address is **295 Hagey Boulevard, 1st Floor, West Entrance, Waterloo, Ontario N2L 6R5, Canada** (hereinafter "the Assignee"), has acquired from the Assignors its entire right, title and interest in and to the inventions, in all countries of the world, including its rights to the Application(s) and all related applications and patents thereon, including any and all international, national and regional phase applications based on the Application(s), and other counterpart applications in all countries, and any and all substitutes, divisionals, continuations and continuations-in-part, and any Letters Patent that may be obtained therefor, and in any and all reissues, extensions, renewals and reexaminations of such applications and patents, including the right to claim priority to the Application(s), and to all related applications and patents thereon filed by the Assignors or Assignee, including the benefit of any right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and the benefit of any right of priority provided by any convention or treaty under domestic or foreign law, and to invoke and claim any such right of priority without further written or oral authorization from the Assignor;

NOW THEREFORE, in consideration of the sum of one dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of all of which is hereby acknowledged, the Assignors hereby confirm that, as of the filing date of the Application(s), they have assigned, and to any extent not done, do hereby sell and assign, transfer and set over to the Assignee, all its right, title and interest for Canada, the United

States of America, its territories, dependencies and possessions, and for all other countries in the world, in and to the inventions, including its rights to the Application(s), and all related applications and patents thereon, including the right to claim priority to the Application(s) and to all related applications and patents thereon, to be held and enjoyed by the Assignee, its assigns and successors, as fully and entirely as the same would have been held and enjoyed by them, had this Assignment not been made.

The Assignors hereby confirm that the Application was made or was authorized to be made by themselves and that they believe themselves to be the original inventors or joint inventors of a claimed invention in the Application.

The Assignors shall without further consideration do all such things and execute all such documents as may be necessary or desirable to obtain and maintain the Application(s) for the inventions, and all related applications and patents thereon, in any and all countries, and to vest title thereto in the Assignee, its successors, assigns and legal representatives or nominees.

The Assignors and the Assignee authorize and empower Bereskin & Parr LLP/S.E.N.C.R.L., s.r.l., whose complete address is Scotia Plaza, 40 King Street West, 40th Floor, Toronto, Ontario M5H 3Y2, to insert on this Assignment any further identification, to prepare any translation which may be necessary or desirable in order to comply with the rules for recordation of this document in any country and to correct any clerical error in this Assignment.

The Commissioner of Patents & Trademarks is hereby authorized and requested to issue any Letters Patent for the Application(s), and all related applications thereon, to the Assignee, for its sole use and benefit, and for the use and benefit of its successors and assigns, to the full end of the term for which Letters Patent may be granted, as fully and entirely as the same would have been held by the Assignors had this Assignment and sale not been made.

If a provision of this Assignment is or becomes illegal, invalid or unenforceable in any jurisdiction, that shall not affect the validity or enforceability in that jurisdiction of any other provision of this Assignment, or the validity or enforceability in other jurisdictions of that or any other provision of this Assignment.

The Assignors hereby acknowledge that any willful false statement made in this assignment/declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

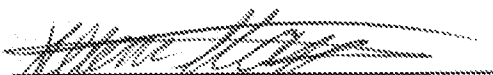
For the purpose of all legal proceedings, this Assignment will be deemed to have been performed in the Province of Ontario and will be governed by and construed in accordance with the laws of the Province of Ontario and the laws of Canada applicable therein.

This Assignment may be executed in any number of counterparts and all of such counterparts shall together constitute one and the same instrument.

The Parties confirm their express wish that this Assignment be drawn up in the English language. *Les parties confirment leur volonté expresse que cette cession soit rédigée en langue anglaise.*

ASSIGNORS:

SIGNED AT Berkeley, Ca, CA this 17 day of November, 2021.


Signature of Witness
Name: Jillion Strauss


By: **Sohail Zangenehpour**

SIGNED AT Montreal, QC, Canada this 10 day of November, 2021.


Signature of Witness
Name: Chiasen Chung

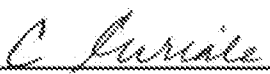

By: Luis Miranda-Moreno

SIGNED AT Waterloo, Ontario, Canada this 08 day of November, 2021.


Signature of Witness
Name: LELLEI ZENG



By: Chiasen Chung

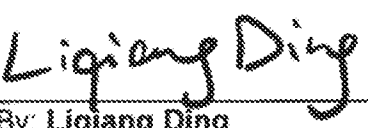
SIGNED AT Montreal QC this 16 day of November, 2021.


Signature of Witness
Name: Carolyn Curiale


By: James Clark

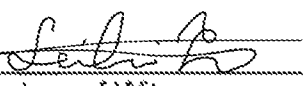
SIGNED AT Montreal, QC, Canada this 15 day of November, 2021.



Signature of Witness
Name: Chiasen Chung


By: Liqiang Ding

ASSIGNEE:

SIGNED AT Waterloo, ON, Canada this 17 day of November, 2021.


Signature of Witness
Name: LELLEI ZENG
Title: NA


By: Transoft Solutions (ITS) Inc.
Name: Chiasen Chung

Schedule A

B&P Docket No.	Title	Application No.	Application Type	Filing Date
P56507US00	APPARATUS AND METHOD FOR DETECTING, CLASSIFYING AND TRACKING ROAD USERS ON FRAMES OF VIDEO DATA	62/715,866	US Provisional	August 8, 2018
P56507US01	APPARATUS AND METHOD FOR DETECTING, CLASSIFYING AND TRACKING ROAD USERS ON FRAMES OF VIDEO DATA	16/535,547	US Regular	August 8, 2019
P56507CA00	APPARATUS AND METHOD FOR DETECTING, CLASSIFYING AND TRACKING ROAD USERS ON FRAMES OF VIDEO DATA	3,051,525	CA Regular	August 8, 2019