

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT7576569

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ARTHUR RICHARD WANDZEL	04/18/2021
STEFANIE TELLEX	10/05/2022
RECEIVING PARTY DATA	
Name:	BROWN UNIVERSITY
Street Address:	BOX 1949
City:	PROVIDENCE
State/Country:	RHODE ISLAND
Postal Code:	02912
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17280365
CORRESPONDENCE DATA	
Fax Number:	(401)751-0604
<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:	4012747200
Email:	ipdocketing@apslaw.com
Correspondent Name:	ADLER POLLOCK & SHEEHAN P.C.
Address Line 1:	ONE CITIZENS PLAZA, 8TH FLOOR
Address Line 4:	PROVIDENCE, RHODE ISLAND 02903
ATTORNEY DOCKET NUMBER:	405505-561N01US
NAME OF SUBMITTER:	DEEPTI RASTOGGI
SIGNATURE:	/DEEPTI RASTOGGI/
DATE SIGNED:	10/06/2022
Total Attachments: 6	
source=Assignment - Brown University - TECH ID 2582 - A Wandzel - Executed#page1.tif	
source=Assignment - Brown University - TECH ID 2582 - A Wandzel - Executed#page2.tif	
source=Assignment - Brown University - TECH ID 2582 - A Wandzel - Executed#page3.tif	
source=Assignment - Brown University - TECH ID 2582 - S Tellex - Executed#page1.tif	
source=Assignment - Brown University - TECH ID 2582 - S Tellex - Executed#page2.tif	

ASSIGNMENT

THIS ASSIGNMENT, made this 26th day of March, 2021 by:
Arthur Richard WANDZEL, residing at: 5220 Deer Run Circle, Orchard Lake, MI 48323:
(hereinafter referred to as Assignor);

WHEREAS, Assignor has invented certain new and useful improvements in:

**SYSTEMS AND METHODS FOR OPERATING ROBOTS USING OBJECT-ORIENTED
PARTIALLY OBSERVABLE MARKOV DECISION PROCESSES**

as set forth in U.S. Patent Application No. 17/280,365 filed on March 26, 2021; and

WHEREAS, **Brown University**, having its principal place of business at: Box 1949, Providence, RI 02912 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, Assignor has sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.

AND for the same consideration, Assignor hereby represents and warrants to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignor is the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same is unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignor hereby covenant and agrees to and with Assignee, its successors, legal representatives and assigns that: Assignor will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise; that any proceeding in connection with said inventions, or said Design application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; and, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignor hereby requests the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignor hereby grants 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:

ASSIGNMENT

THIS ASSIGNMENT, made this 27th day of September, 2018 by:
Stefanie TELLEX, residing at: 33 Rogers St., Apt 205, Cambridge, MA 02142:
(hereinafter referred to as Assignor);

WHEREAS, Assignor has invented certain new and useful improvements in:

**MULTI-OBJECT SEARCH USING
OBJECT-ORIENTED POMDPS**

as set forth in U.S. Provisional Patent Application No. 62/737,588 filed on September 27, 2018; and

WHEREAS, Brown University, having its principal place of business at: Box 1949, Providence, RI 02912 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, Assignor has sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.

AND for the same consideration, Assignor hereby represents and warrants to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignor is the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same is unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignor hereby covenant and agrees to and with Assignee, its successors, legal representatives and assigns that: Assignor will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise; that any proceeding in connection with said inventions, or said Design application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; and, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignor hereby requests the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignor hereby grants 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:

Attorney Docket No. 405505-561P01US

ADLER POLLOCK & SHEEHAN P.C.

All practitioners at Customer Number 133139

AND Assignor acknowledges an obligation of assignment of this invention to Assignee at the time the invention was made.

This Patent Assignment may be executed in counterparts, each of which shall be deemed an original, but all of which together shall be deemed one and the same agreement. A signed copy of this Patent Assignment delivered by facsimile, e-mail, or other means of electronic transmission shall be deemed to have the same legal effect as delivery of an original signed copy of this Patent Assignment.

Date: 10/5/2022

Signature: 
Stefanie TELLEX