

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
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EPAS ID: PAT5855214

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
AHMED TAHA	10/28/2019
YI-TING CHEN	10/28/2019
TERUHISA MISU	10/28/2019
LARRY DAVIS	12/04/2019
XITONG YANG	10/28/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	HONDA MOTOR CO., LTD.
<b>Street Address:</b>	1-1 MINAMI-AOYAMA 2-CHOME, MINATO-KU
<b>City:</b>	TOKYO
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	107-8556
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16254439
<b>CORRESPONDENCE DATA</b>	
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<b>NAME OF SUBMITTER:</b>	JULIANA I. HAYDOUTOVA
<b>SIGNATURE:</b>	/Juliana I. Haydoutova/
<b>DATE SIGNED:</b>	12/06/2019
<b>Total Attachments: 4</b>	
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# WORLDWIDE ASSIGNMENT

IN CONSIDERATION of good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by

**HONDA MOTOR CO., LTD.**

**1-1 Minami-Aoyama 2-Chome, Minato-ku**

**Tokyo, Japan 107-8556**

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR agrees to and hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest, including the right to sue for past infringement, if any, and all rights pursuant to 35 U.S.C. §154, to the invention titled

[Title of  
Invention]

**SYSTEMS FOR MODELING UNCERTAINTY IN MULTI-MODAL RETRIEVAL AND METHODS THEREOF**

[\*If the assignment is being filed after the filing of the application, this section must be completed]

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

filed on January 22, 2019 Serial No. 16/254,439

(Arent Fox LLP is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)

and all Letters Patent of the United States and its territorial possessions and in any and all foreign countries to be obtained therefor on said application or any continuation, divisional, continuation-in-part, renewal, substitute, reissue or reexamination thereof, and any other applications claiming priority thereto, including future inventions or improvements, for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with application and any continuing, divisional, continuation-in-part, reissue or reexamination applications thereof and any other applications claiming priority thereto, including future inventions or improvements, also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, divisional, continuation-in-part, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon, and any other applications claiming priority thereto, including future inventions or improvements, and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

[Signature(s)  
of Assignor(s)]

(SIGNATURE)

**Ahmed TAHA**

(TYPE NAME)

(DATE)

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

[Signature(s)  
of Assignor(s)]

Ahmed taha  
(SIGNATURE)

**Ahmed TAHA**

(TYPE NAME)

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(SIGNATURE)

**Yi-Ting CHEN**

(TYPE NAME)

10/28/2019

(DATE)

[Signature]  
(SIGNATURE)

**Teruhisa MISU**

(TYPE NAME)

10/28/2019

(DATE)

[Signature]  
(SIGNATURE)

**Larry DAVIS**

(TYPE NAME)

(DATE)

Xitong Yang  
(SIGNATURE)

**Xitong YANG**

(TYPE NAME)


10/28/2019

(DATE)

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(SIGNATURE)      **Yi-Ting CHEN**  
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(TYPE NAME)      \_\_\_\_\_  
(DATE)

\_\_\_\_\_  
(SIGNATURE)      **Teruhisa MISU**  
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(TYPE NAME)      \_\_\_\_\_  
(DATE)



  
(SIGNATURE)      **Larry DAVIS**      12/4/2019  
\_\_\_\_\_  
(TYPE NAME)      \_\_\_\_\_  
(DATE)

\_\_\_\_\_  
(SIGNATURE)      **Xitong YANG**  
\_\_\_\_\_  
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(DATE)

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

[Signature(s)  
of Assignor(s)]

*Ahmed taha*

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(SIGNATURE)

**Ahmed TAHA**

\_\_\_\_\_  
(TYPE NAME)

**28 Oct 2019**

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(DATE)

\_\_\_\_\_  
(SIGNATURE)

**Yi-Ting CHEN**

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(TYPE NAME)

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**Teruhisa MISU**

\_\_\_\_\_  
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**Larry DAVIS**

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(TYPE NAME)

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(SIGNATURE)

**Xitong YANG**

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(TYPE NAME)

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