

**PCT REQUEST**Original (for **SUBMISSION** )

<b>0</b>	<b>For receiving Office use only</b>	
<b>0-1</b>	International Application No.	<b>PCT/US19/27659</b>
<b>0-2</b>	International Filing Date	<b>16 April 2019 (16.04.2019)</b>
<b>0-3</b>	Name of receiving Office and "PCT International Application"	<b>RO/US</b>
<b>0-4</b>	<b>Form PCT/RO/101 PCT Request</b>	
<b>0-4-1</b>	Prepared Using	<b>PCT-SAFE [EFS-Web mode] Version 3.51.086.262 MT/FOP 20190101/0.20.5.24</b>
<b>0-5</b>	<b>Petition</b> The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
<b>0-6</b>	<b>Receiving Office (specified by the applicant)</b>	<b>United States Patent and Trademark Office (USPTO) (RO/US)</b>
<b>0-7</b>	<b>Applicant's or agent's file reference</b>	<b>AB5070-PCT-PCT</b>
<b>I</b>	<b>Title of Invention</b>	<b>FUNCTION AS A SERVICE (FAAS) SYSTEM ENHANCEMENTS</b>
<b>II</b>	<b>Applicant</b>	
<b>II-1</b>	This person is	<b>Applicant only</b>
<b>II-2</b>	Applicant for	<b>All designated States</b>
<b>II-4</b>	Name	<b>INTEL CORPORATION</b>
<b>II-5</b>	Address	<b>2200 Mission College Boulevard Santa Clara, California 95054 United States of America</b>
<b>II-6</b>	State of nationality	<b>US</b>
<b>II-7</b>	State of residence	<b>US</b>
<b>II-8</b>	Telephone No.	<b>801-566-6633</b>
<b>II-9</b>	Facsimile No.	<b>612-677-3572</b>
<b>II-10</b>	e-mail	<b>info@jordaniplaw.com</b>
<b>II-10(a)</b>	E-mail authorization The receiving Office, the International Searching Authority, the International Bureau and the International Preliminary Examining Authority are authorized to use this e-mail address, if the Office or Authority so wishes, to send notifications issued in respect of this international application:	<b>as advance copies followed by paper notifications</b>

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<b>III-1</b>	<b>Applicant and/or inventor</b>	
III-1-1	This person is	<b>Inventor only</b>
III-1-3	Inventor for	<b>All designated States</b>
III-1-4	Name (LAST, First)	<b>HAGHIGHAT, Mohammad R.</b>
III-1-5	Address	<b>5685 Mireille Drive San Jose, California 95118 United States of America</b>
<b>III-2</b>	<b>Applicant and/or inventor</b>	
III-2-1	This person is	<b>Inventor only</b>
III-2-3	Inventor for	<b>All designated States</b>
III-2-4	Name (LAST, First)	<b>DOSHI, Kshitij</b>
III-2-5	Address	<b>2101 E Balboa Drive Tempe, Arizona 85282 United States of America</b>
<b>III-3</b>	<b>Applicant and/or inventor</b>	
III-3-1	This person is	<b>Inventor only</b>
III-3-3	Inventor for	<b>All designated States</b>
III-3-4	Name (LAST, First)	<b>HERDRICH, Andrew J.</b>
III-3-5	Address	<b>2111 NE 25th Avenue Hillsboro, Oregon 97124 United States of America</b>
<b>III-4</b>	<b>Applicant and/or inventor</b>	
III-4-1	This person is	<b>Inventor only</b>
III-4-3	Inventor for	<b>All designated States</b>
III-4-4	Name (LAST, First)	<b>MOHAN, Anup</b>
III-4-5	Address	<b>440 Dixon Landing Road, Apt. E303 Milpitas, California 95035 United States of America</b>
<b>III-5</b>	<b>Applicant and/or inventor</b>	
III-5-1	This person is	<b>Inventor only</b>
III-5-3	Inventor for	<b>All designated States</b>
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III-5-5	Address	<b>15934 NW Andalusian Way Portland, Oregon 97229 United States of America</b>
<b>III-6</b>	<b>Applicant and/or inventor</b>	
III-6-1	This person is	<b>Inventor only</b>
III-6-3	Inventor for	<b>All designated States</b>
III-6-4	Name (LAST, First)	<b>SUN, Mingqiu</b>
III-6-5	Address	<b>8704 SW Marseilles Drive Beaverton, Oregon 97007 United States of America</b>

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<b>III-7</b>	<b>Applicant and/or inventor</b>	
III-7-1	This person is	<b>Inventor only</b>
III-7-3	Inventor for	<b>All designated States</b>
III-7-4	Name (LAST, First)	<b>BHUYAN, Krishna</b>
III-7-5	Address	<b>2613 226th Place NE Sammamish, Washington 98074 United States of America</b>
<b>III-8</b>	<b>Applicant and/or inventor</b>	
III-8-1	This person is	<b>Inventor only</b>
III-8-3	Inventor for	<b>All designated States</b>
III-8-4	Name (LAST, First)	<b>GOH, Teck Joo</b>
III-8-5	Address	<b>14663 Fieldstone Drive Saratoga, California 95070 United States of America</b>
<b>III-9</b>	<b>Applicant and/or inventor</b>	
III-9-1	This person is	<b>Inventor only</b>
III-9-3	Inventor for	<b>All designated States</b>
III-9-4	Name (LAST, First)	<b>KUMAR, Mohan J.</b>
III-9-5	Address	<b>18680 SW Marko Lane Aloha, Oregon 97007 United States of America</b>
<b>III-10</b>	<b>Applicant and/or inventor</b>	
III-10-1	This person is	<b>Inventor only</b>
III-10-3	Inventor for	<b>All designated States</b>
III-10-4	Name (LAST, First)	<b>PRINKE, Michael</b>
III-10-5	Address	<b>5900 SW 198th Avenue Aloha, Oregon 97078 United States of America</b>
<b>III-11</b>	<b>Applicant and/or inventor</b>	
III-11-1	This person is	<b>Inventor only</b>
III-11-3	Inventor for	<b>All designated States</b>
III-11-4	Name (LAST, First)	<b>LEMAY, Michael</b>
III-11-5	Address	<b>917 SE 56th Avenue Hillsboro, Oregon 97123 United States of America</b>
<b>III-12</b>	<b>Applicant and/or inventor</b>	
III-12-1	This person is	<b>Inventor only</b>
III-12-3	Inventor for	<b>All designated States</b>
III-12-4	Name (LAST, First)	<b>PELED, Leeor</b>
III-12-5	Address	<b>Magal 3884500 D.N. Hefer Israel</b>

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<b>III-13</b>	<b>Applicant and/or inventor</b>	
III-13-1	This person is	<b>Inventor only</b>
III-13-3	Inventor for	<b>All designated States</b>
III-13-4	Name (LAST, First)	<b>TSAI, Jr-Shian</b>
III-13-5	Address	<b>6657 NW 165th Avenue Portland, Oregon 97229 United States of America</b>
<b>III-14</b>	<b>Applicant and/or inventor</b>	
III-14-1	This person is	<b>Inventor only</b>
III-14-3	Inventor for	<b>All designated States</b>
III-14-4	Name (LAST, First)	<b>DURHAM, David M.</b>
III-14-5	Address	<b>20431 SW Tremont Way Beaverton, Oregon 97007 United States of America</b>
<b>III-15</b>	<b>Applicant and/or inventor</b>	
III-15-1	This person is	<b>Inventor only</b>
III-15-3	Inventor for	<b>All designated States</b>
III-15-4	Name (LAST, First)	<b>CHAMBERLAIN, Jeffrey D.</b>
III-15-5	Address	<b>465 Cape Breton Lane Tracy, California 95377 United States of America</b>
<b>III-16</b>	<b>Applicant and/or inventor</b>	
III-16-1	This person is	<b>Inventor only</b>
III-16-3	Inventor for	<b>All designated States</b>
III-16-4	Name (LAST, First)	<b>SUKHOMLINOV, Vadim A.</b>
III-16-5	Address	<b>2870 Kaiser Drive, Apt. 444 Santa Clara, California 95051 United States of America</b>
<b>III-17</b>	<b>Applicant and/or inventor</b>	
III-17-1	This person is	<b>Inventor only</b>
III-17-3	Inventor for	<b>All designated States</b>
III-17-4	Name (LAST, First)	<b>DAHLEN, Eric J.</b>
III-17-5	Address	<b>24585 SW Grandvista Drive Sherwood, Oregon 97140 United States of America</b>
<b>III-18</b>	<b>Applicant and/or inventor</b>	
III-18-1	This person is	<b>Inventor only</b>
III-18-3	Inventor for	<b>All designated States</b>
III-18-4	Name (LAST, First)	<b>BAGHSORKHI, Sara</b>
III-18-5	Address	<b>973 Cherrystone Drive Los Gatos, California 95032 United States of America</b>

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<b>III-19</b>	<b>Applicant and/or inventor</b>	
III-19-1	This person is	<b>Inventor only</b>
III-19-3	Inventor for	<b>All designated States</b>
III-19-4	Name (LAST, First)	<b>SANE, Harshad</b>
III-19-5	Address	<b>15986 NW Linder Street Portland, Oregon 97229 United States of America</b>
<b>III-20</b>	<b>Applicant and/or inventor</b>	
III-20-1	This person is	<b>Inventor only</b>
III-20-3	Inventor for	<b>All designated States</b>
III-20-4	Name (LAST, First)	<b>MELIK-ADAMYAN, Areg</b>
III-20-5	Address	<b>16029 Cinca Terra Drive Austin, Texas 78738 United States of America</b>
<b>III-21</b>	<b>Applicant and/or inventor</b>	
III-21-1	This person is	<b>Inventor only</b>
III-21-3	Inventor for	<b>All designated States</b>
III-21-4	Name (LAST, First)	<b>SAHITA, Ravi</b>
III-21-5	Address	<b>5314 NW 131st Avenue Portland, Oregon 97229 United States of America</b>
<b>III-22</b>	<b>Applicant and/or inventor</b>	
III-22-1	This person is	<b>Inventor only</b>
III-22-3	Inventor for	<b>All designated States</b>
III-22-4	Name (LAST, First)	<b>BABOKIN, Dmitry Yurievich</b>
III-22-5	Address	<b>350 River Oaks Pkwy, Unit 1480 San Jose, California 95134 United States of America</b>
<b>III-23</b>	<b>Applicant and/or inventor</b>	
III-23-1	This person is	<b>Inventor only</b>
III-23-3	Inventor for	<b>All designated States</b>
III-23-4	Name (LAST, First)	<b>STEINER, Ian M.</b>
III-23-5	Address	<b>5592 NW 128th Terrace Portland, Oregon 97229 United States of America</b>
<b>III-24</b>	<b>Applicant and/or inventor</b>	
III-24-1	This person is	<b>Inventor only</b>
III-24-3	Inventor for	<b>All designated States</b>
III-24-4	Name (LAST, First)	<b>BACHMUTSKY, Alexander</b>
III-24-5	Address	<b>1610 Honfleur Drive Sunnyvale, California 94087 United States of America</b>

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<b>III-25</b>	<b>Applicant and/or inventor</b>	
III-25-1	This person is	<b>Inventor only</b>
III-25-3	Inventor for	<b>All designated States</b>
III-25-4	Name (LAST, First)	<b>RAO, Anil</b>
III-25-5	Address	<b>75 Gloria Circle Menlo Park, California 94025 United States of America</b>
<b>III-26</b>	<b>Applicant and/or inventor</b>	
III-26-1	This person is	<b>Inventor only</b>
III-26-3	Inventor for	<b>All designated States</b>
III-26-4	Name (LAST, First)	<b>ZHANG, Mingwei</b>
III-26-5	Address	<b>2111 NE 25th Avenue Hillsboro, Oregon 97124 United States of America</b>
<b>III-27</b>	<b>Applicant and/or inventor</b>	
III-27-1	This person is	<b>Inventor only</b>
III-27-3	Inventor for	<b>All designated States</b>
III-27-4	Name (LAST, First)	<b>JAIN, Nilesh K.</b>
III-27-5	Address	<b>6583 NW 165th Avenue Portland, Oregon 97229 United States of America</b>
<b>III-28</b>	<b>Applicant and/or inventor</b>	
III-28-1	This person is	<b>Inventor only</b>
III-28-3	Inventor for	<b>All designated States</b>
III-28-4	Name (LAST, First)	<b>FIROOZSHAHIAN, Amin</b>
III-28-5	Address	<b>2703 St. Giles Lane Mountain View, California 94040 United States of America</b>
<b>III-29</b>	<b>Applicant and/or inventor</b>	
III-29-1	This person is	<b>Inventor only</b>
III-29-3	Inventor for	<b>All designated States</b>
III-29-4	Name (LAST, First)	<b>PATEL, Baiju V.</b>
III-29-5	Address	<b>2817 NW 81st Place Portland, Oregon 97229 United States of America</b>
<b>III-30</b>	<b>Applicant and/or inventor</b>	
III-30-1	This person is	<b>Inventor only</b>
III-30-3	Inventor for	<b>All designated States</b>
III-30-4	Name (LAST, First)	<b>HUANG, Wenyong</b>
III-30-5	Address	<b>Room 502, Unit 2, Building 8#, 4th Area, Anzhen West Lane, Chaoyang District Beijing 10029 China</b>

**PCT REQUEST**Original (for **SUBMISSION** )

<b>III-31</b>	<b>Applicant and/or inventor</b>	
III-31-1	This person is	<b>Inventor only</b>
III-31-3	Inventor for	<b>All designated States</b>
III-31-4	Name (LAST, First)	<b>RAGHURAM, Yeluri</b>
III-31-5	Address	<b>1060 Harlan Drive San Jose, California 95129 United States of America</b>
<b>IV-1</b>	<b>Agent or common representative; or address for correspondence</b>	
	The person identified below is hereby/ has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	<b>Agent</b>
IV-1-1	Name (LAST, First)	<b>JORDAN, B. Delano</b>
IV-1-2	Address	<b>Jordan IP Law, LLC 12501 Prosperity Drive, Suite 401 Silver Spring, Maryland 20904 United States of America</b>
IV-1-3	Telephone No.	<b>202-683-9317</b>
IV-1-4	Facsimile No.	<b>202-683-6783</b>
IV-1-5	e-mail	<b>info@jordaniplaw.com</b>
IV-1-5(a)	E-mail authorization ) The receiving Office, the International Searching Authority, the International Bureau and the International Preliminary Examining Authority are authorized to use this e-mail address, if the Office or Authority so wishes, to send notifications issued in respect of this international application:	<b>as advance copies followed by paper notifications</b>
IV-1-6	Agent's registration No.	<b>43698</b>
<b>V</b>	<b>DESIGNATIONS</b>	
<b>V-1</b>	<b>The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents.</b>	
<b>VI-1</b>	<b>Priority claim of earlier international application</b>	
VI-1-1	Filing date	<b>08 November 2018 (08.11.2018)</b>
VI-1-2	Number	<b>PCT/CN2018/114602</b>
VI-1-3	PCT receiving Office	<b>CN</b>

## PCT REQUEST

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<b>VI-2</b>	<b>Incorporation by reference :</b> where an element of the international application referred to in Article 11(1)(iii)(d) or (e) or a part of the description, claims or drawings referred to in Rule 20.5(a) is not otherwise contained in this international application but is completely contained in an earlier application whose priority is claimed on the date on which one or more elements referred to in Article 11(1)(iii) were first received by the receiving Office, that element or part is, subject to confirmation under Rule 20.6, incorporated by reference in this international application for the purposes of Rule 20.6.		
<b>VII-1</b>	<b>International Searching Authority Chosen</b>	<b>Korean Intellectual Property Office (ISA/KR)</b>	
<b>VIII</b>	<b>Declarations</b>	Number of declarations	
VIII-1	Declaration as to the identity of the inventor	—	
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	—	
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	—	
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	—	
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	—	
<b>IX</b>	<b>Check list</b>	Number of sheets	Electronic file(s) attached
IX-1	Request (including declaration sheets)	<b>9</b>	✓
IX-2	Description	<b>287</b>	—
IX-3	Claims	<b>13</b>	—
IX-4	Abstract	<b>1</b>	✓
IX-5	Drawings	<b>118</b>	—
IX-7	TOTAL	<b>428</b>	
	<b>Accompanying Items</b>	Paper document(s) attached	Electronic file(s) attached
IX-8	Fee calculation sheet	✓	—
<b>IX-20</b>	<b>Figure of the drawings which should accompany the abstract</b>	<b>4</b>	
<b>IX-21</b>	<b>Language of filing of the international application</b>	<b>English</b>	
<b>X-1</b>	<b>Signature of applicant, agent or common representative</b>	<b>/B. Delano Jordan, Reg. No. 43,698/</b>	
<b>X-1-1</b>	Name (LAST, First)	<b>JORDAN, B. Delano</b>	
<b>X-1-3</b>	Capacity (if such capacity is not obvious from reading the request)		



**PCT REQUEST**Original (for **SUBMISSION** )**FOR RECEIVING OFFICE USE ONLY**

10-1	Date of actual receipt of the purported international application	16 April 2019 (16.04.2019)
10-2	Drawings:	
10-2-1	Received	
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/KR
10-6	Transmittal of search copy delayed until search fee is paid	

**FOR INTERNATIONAL BUREAU USE ONLY**

11-1	Date of receipt of the record copy by the International Bureau	
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