

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5822824

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
CHARLES NDUKA	09/20/2019
ANDREW CLEAL	11/06/2019
JAMES ARCHER	11/04/2019
MOHSEN FATOORECHI	11/05/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	EMTEQ LIMITED
<b>Street Address:</b>	SUSSEX INNOVATION CENTRE
<b>Internal Address:</b>	SCIENCE PARK SQUARE
<b>City:</b>	FALMER, BRIGHTON, SUSSEX
<b>State/Country:</b>	UNITED KINGDOM
<b>Postal Code:</b>	BN1 9SB
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16489327
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(202)748-5915
<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>	
<b>Phone:</b>	2027485902
<b>Email:</b>	jtuncay@kviplaw.com
<b>Correspondent Name:</b>	KENEALY VAIDYA LLP
<b>Address Line 1:</b>	3000 K STREET, N.W.
<b>Address Line 2:</b>	SUITE 200
<b>Address Line 4:</b>	WASHINGTON, D.C. 20007
<b>ATTORNEY DOCKET NUMBER:</b>	5065-0003
<b>NAME OF SUBMITTER:</b>	ERIC D. MOREHOUSE
<b>SIGNATURE:</b>	/Eric D. Morehouse/
<b>DATE SIGNED:</b>	11/15/2019
<b>Total Attachments: 4</b>	

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## ASSIGNMENT

WHEREAS I, the below named inventor, [hereinafter referred to as Assignor], have made an invention entitled:

### OPTICAL EXPRESSION DETECTION

for which I filed PCT Application No. PCT/GB2018/050511 on February 27, 2018 and for which I executed an application for United States Letters Patent concurrently herewith; and

WHEREAS EMTEQ LIMITED, a corporation of United Kingdom, whose post office address is Sussex Innovation Centre, Science Park Square, Falmer, Brighton, Sussex BN1 9SB, United Kingdom [hereinafter referred to as Assignee], is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application of United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

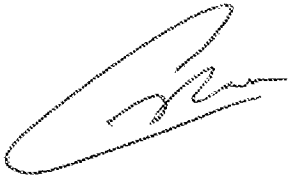
NOW THEREFORE, be it known that, for and in consideration of the sum of One Dollar (\$1.00) in hand paid and other good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I, as assignor, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, MY entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such applications, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and I hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent of this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I HEREBY covenant that I have the full right to convey the interest assigned by this Assignment, and I have not executed and will not execute any agreement in conflict with this Assignment;

AND, I HEREBY further covenant and agree that I will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to US respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns;

AND, I HEREBY authorize and request the attorneys empowered in the Power of Attorney in this application, to insert here in parentheses (Application No. 16/489,327, filed 27-AUG-2019) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, I have hereunto set my hand.

<u>Full Name of First Assignor</u> Charles NDUKA	<u>Assignor's Signature</u> 	<u>Date</u> 20 <sup>th</sup> SEPTEMBER 2019
<u>Address:</u> c/o EMTEQ LIMITED Sussex Innovation Centre, Science Park Square Falmer, Brighton, Sussex BN1 9SB, United Kingdom		<u>Citizenship</u> United Kingdom
<b>NAMES OF ADDITIONAL INVENTORS ATTACHED</b>		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

## ASSIGNMENT

WHEREAS WE, the below named inventors, [hereinafter referred to as Assignors], have made an invention entitled:

### OPTICAL EXPRESSION DETECTION

for which WE filed PCT Application No. PCT/GB2018/050511 on February 27, 2018; and for which WE executed an application for United States Letters Patent concurrently herewith; and

WHEREAS EMTEQ LIMITED, a corporation of United Kingdom, whose post office address is Sussex Innovation Centre, Science Park Square, Falmer, Brighton, Sussex BN1 9SB, United Kingdom [hereinafter referred to as Assignee], is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application of United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for and in consideration of the sum of One Dollar (\$1.00) in hand paid and other good and valuable consideration the receipt of which from Assignees is hereby acknowledged, WE, as Assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignees, their lawful successors and assigns, OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such applications, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent of this invention to Assignees, their successors and assigns, in accordance with the terms of this Assignment;

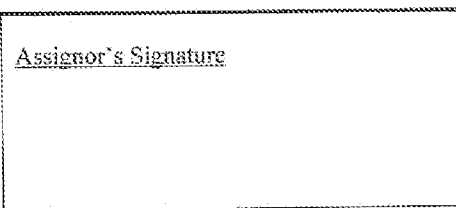
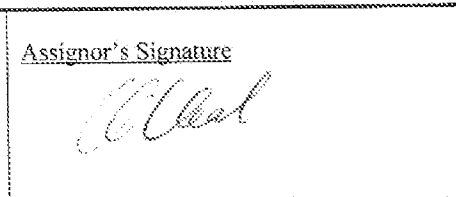
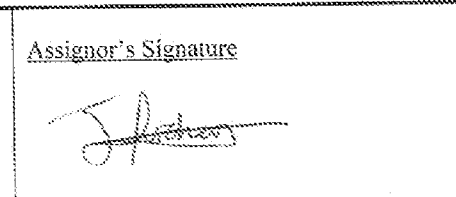
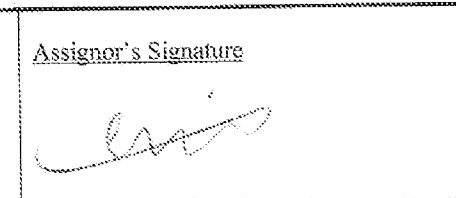
AND, WE HEREBY covenant that WE have the full right to convey the interest assigned by this Assignment, and WE have not executed and will not execute any agreement in conflict with this Assignment;

AND, WE HEREBY further covenant and agree that WE will, without further consideration, communicate with Assignees, their successors and assigns, any facts known to US respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignees, their successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignees, their successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignees, their successors and assigns;

AND, WE HEREBY authorize and request the attorneys empowered in the Power of Attorney in this application, to insert here in parentheses (Application No. 16/489,327 , filed 27-AUG-2019) the filing date and application number of said application when known.

KENEALY VAIDYA LLP

IN TESTIMONY WHEREOF, I have hereunto set my hand.

<u>Full Name of First Assignor</u> <b>Charles NDUKA</b>	<u>Assignor's Signature</u> 	<u>Date</u> 
<u>Address:</u> c/o EMTEQ LIMITED Sussex Innovation Centre, Science Park Square Falmer, Brighton, Sussex BN1 9SB, United Kingdom		<u>Citizenship</u> United Kingdom
<u>Full Name of Second Assignor</u> <b>Andrew CLEAL</b>	<u>Assignor's Signature</u> 	<u>Date</u> 6/11/2019
<u>Address:</u> c/o EMTEQ LIMITED Sussex Innovation Centre, Science Park Square Falmer, Brighton, Sussex BN1 9SB, United Kingdom		<u>Citizenship</u> United Kingdom
<u>Full Name of Third Assignor</u> <b>James ARCHER</b>	<u>Assignor's Signature</u> 	<u>Date</u> 04/11/2019
<u>Address:</u> c/o EMTEQ LIMITED Sussex Innovation Centre, Science Park Square Falmer, Brighton, Sussex BN1 9SB, United Kingdom		<u>Citizenship</u> United Kingdom
<u>Full Name of Fourth Assignor</u> <b>Mohsen FATOORECHI</b>	<u>Assignor's Signature</u> 	<u>Date</u> 5/11/2019
<u>Address:</u> c/o EMTEQ LIMITED Sussex Innovation Centre, Science Park Square Falmer, Brighton, Sussex BN1 9SB, United Kingdom		<u>Citizenship</u> United Kingdom
<p style="text-align: center;">                 NAMES OF ADDITIONAL INVENTORS ATTACHED                      <input type="checkbox"/> YES                      <input checked="" type="checkbox"/> NO             </p>		

KENEALY VAIDYA LLP