

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT6860114

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| <b>SUBMISSION TYPE:</b>                                                                                                                                                                         | NEW ASSIGNMENT                      |
| <b>NATURE OF CONVEYANCE:</b>                                                                                                                                                                    | ASSIGNMENT                          |
| <b>SEQUENCE:</b>                                                                                                                                                                                | 2                                   |
| <b>CONVEYING PARTY DATA</b>                                                                                                                                                                     |                                     |
| <b>Name</b>                                                                                                                                                                                     | <b>Execution Date</b>               |
| YANDEX LLC                                                                                                                                                                                      | 04/15/2021                          |
| <b>RECEIVING PARTY DATA</b>                                                                                                                                                                     |                                     |
| <b>Name:</b>                                                                                                                                                                                    | YANDEX EUROPE AG                    |
| <b>Street Address:</b>                                                                                                                                                                          | WERFTESTRASSE 4                     |
| <b>City:</b>                                                                                                                                                                                    | LUZERN                              |
| <b>State/Country:</b>                                                                                                                                                                           | SWITZERLAND                         |
| <b>Postal Code:</b>                                                                                                                                                                             | 6005                                |
| <b>PROPERTY NUMBERS Total: 1</b>                                                                                                                                                                |                                     |
| <b>Property Type</b>                                                                                                                                                                            | <b>Number</b>                       |
| Application Number:                                                                                                                                                                             | 17399579                            |
| <b>CORRESPONDENCE DATA</b>                                                                                                                                                                      |                                     |
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| <b>Correspondent Name:</b>                                                                                                                                                                      | BCF LLP                             |
| <b>Address Line 1:</b>                                                                                                                                                                          | 1100 RENE-LEVESQUE WEST, 25TH FLOOR |
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| <b>ATTORNEY DOCKET NUMBER:</b>                                                                                                                                                                  | 40703-211                           |
| <b>NAME OF SUBMITTER:</b>                                                                                                                                                                       | OLGA PAVLYUK                        |
| <b>SIGNATURE:</b>                                                                                                                                                                               | /Olga Pavlyuk/                      |
| <b>DATE SIGNED:</b>                                                                                                                                                                             | 08/11/2021                          |
| <b>Total Attachments: 2</b>                                                                                                                                                                     |                                     |
| source=Assignment Yandex LLC - Yandex Europe AG part 1 -- 2020-2021#page1.tif                                                                                                                   |                                     |
| source=Assignment Yandex LLC - Yandex Europe AG part 1 -- 2020-2021#page2.tif                                                                                                                   |                                     |

## ASSIGNMENT

WHEREAS WE, **YANDEX, LLC**, a company registered under the laws of Russian Federation, whose complete address is 16 Lva Tolstogo str., Moscow, 119021, Russian Federation (hereinafter referred to as the **Assignor**), is the current owner of the inventions for which applications for Letters Patent have been filed in Russian Federation, which applications are listed in Appendix A.

AND, WHEREAS **Yandex Europe AG**, a Public Company (Aktiengesellschaft), registered under the jurisdiction of Switzerland, registered in the trade register of the Kanton Luzern under CH-020.3.037.433-6, whose complete postal address is Werfstrasse 4, 6005 Luzern, Switzerland, (hereinafter referred to as the **Assignee**) desires to acquire the inventions and rights to file patent applications in all jurisdictions except for: (i) Russian Federation and (ii) all other member states of the Eurasian Patent Organization at the time of the signature of the present Assignment (hereinafter referred to as the **Territory**);

NOW THEREFORE, be it known that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which from the Assignee is hereby acknowledged, by these presents, we, the Assignor, have sold, assigned, transferred, and set over unto the Assignee, its lawful successors and assigns, our entire right, title, and interest in and to these inventions and applications, and all divisions, and continuations thereof, and all Letters Patent that may be granted thereon, and all reissues thereof, and all rights to claim priority on these of such applications, and all applications for Letters Patent that may hereafter be filed for these inventions in the Territory and all Letters Patent that may be granted on these inventions in any jurisdiction of the Territory, and all extensions, renewals, and reissues thereof; and we hereby authorize and request the Commissioners of Patents (or other appropriate official whose duty it is to issue patents) of the United States, and any other country of the Territory, to issue Letters Patent for these inventions to the Assignee, its 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 communicate with the Assignee, its successors and assigns, any facts known to us respecting these inventions, testify in any legal proceedings, 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 these inventions in said Assignee, its successors or assigns, execute all divisional, continuation, reissue, and re-examination applications, make all rightful oaths and generally do everything possible to aid the Assignee, its successors and assigns, to obtain and enforce proper patent protection for these inventions in any jurisdiction of the Territory, it being understood that any expense incident to the performance of the obligations of the present paragraph shall be borne by the Assignee, its successors, and assigns.

This Assignment may be executed in counterparts, all of which shall be considered one and the same agreement.

IN TESTIMONY WHEREOF, WE HAVE SIGNED:

NAME: **Andrey Mikhailovich Shigirev**  
Authorized signatory

**YANDEX, LLC**

Date of Signature: **April 15, 2021**

Place of Signature: **Moscow**



NAME: **Alexander Alexandrovich Martynov**  
Authorized signatory

**YANDEX EUROPE AG**

Date of Signature: **April 15, 2021**

Place of Signature: **Moscow**

**APPENDIX A****List of RU Patent Applications**

| Title                                                                                            | Reference            | Application No | Filing Date |
|--------------------------------------------------------------------------------------------------|----------------------|----------------|-------------|
| METHOD AND SERVER FOR DETERMINING A TRAINING SET FOR TRAINING A MACHINE LEARNING ALGORITHM (MLA) | 2020-0138-SE-PD1-RU  | 2020138004     | 19/11/2020  |
| METHOD AND A SYSTEM FOR SELECTING A TARGETED MESSAGE TO BE INCLUDED WITHIN A WEB RESOURCE        | 2017-0039-ADS-PD1-RU | 2020139238     | 30/11/2020  |
| METHOD AND SYSTEM FOR DETERMINING RANK POSITIONS OF ELEMENTS BY A RANKING SYSTEM                 | 2020-0040-SE-PD1-RU  | 2020139194     | 30/11/2020  |
| METHODS AND SERVERS FOR RANKING DIGITAL DOCUMENTS IN RESPONSE TO A QUERY                         | 2020-0025-SE-PD1-RU  | 2020142462     | 22/12/2020  |
| METHOD AND ELECTRONIC DEVICE FOR PROCESSING A SPOKEN UTTERANCE                                   | 2020-0041-VR-PD1-RU  | 2020142449     | 22/12/2020  |
| METHOD AND SYSTEM FOR RANKING A WEB RESOURCE                                                     | 2020-0084-SE-PD1-RU  | 2020142447     | 22/12/2020  |
| METHOD AND SYSTEM FOR CLASSIFYING WORD AS OBSCENE WORD                                           | 2020-0088-SE-PD1-RU  | 2020142418     | 22/12/2020  |
| METHOD AND SERVER FOR TRAINING A MACHINE LEARNING ALGORITHM FOR TRANSLATION                      | 2020-0075-SE-PD1-RU  | 2020142417     | 22/12/2020  |
| METHOD AND SERVER FOR RANKING DIGITAL DOCUMENTS IN RESPONSE TO A QUERY                           | 2020-0089-SE-PD1-RU  | 2020143966     | 30/12/2020  |
| METHOD AND SERVER FOR TRAINING A MACHINE LEARNING ALGORITHM FOR EXECUTING TRANSLATION            | 2020-0074-SE-PD1-RU  | 2020143957     | 30/12/2020  |
| METHOD AND SYSTEM FOR CLASSIFYING A USER OF AN ELECTRONIC DEVICE                                 | 2020-0097-VR-PD1-RU  | 2021103269     | 10/02/2021  |
| METHOD AND SERVER FOR RANKING DIGITAL DOCUMENTS IN RESPONSE TO A QUERY                           | 2020-0019-ADS-PD1-RU | 2021103265     | 10/02/2021  |
| METHOD AND SYSTEM FOR OPERATING A WEB APPLICATION ON A DEVICE                                    | 2020-0094-SE-PD1-RU  | 2021103264     | 10/02/2021  |
| METHOD AND SYSTEM FOR GENERATING TRAINING DATA FOR A MACHINE-LEARNING ALGORITHM                  | 2020-0149-SE-PD1-RU  | 2021106660     | 15/03/2021  |
| METHOD AND SYSTEM FOR GENERATING TRAINING DATA FOR A MACHINE-LEARNING ALGORITHM                  | 2020-0143-SE-PD1-RU  | 2021106657     | 15/03/2021  |