

PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| MANMEET BHANGU | 01/24/2023 |
| PANKAJ SHETE | 01/24/2023 |
| JYOTI BOSE | 01/30/2023 |
| RECEIVING PARTY DATA | |
| Name: | RAKUTEN SYMPHONY INDIA PRIVATE LIMITED |
| Street Address: | 3RD FLOOR, C21 BUSINESS PARK, C21 SQUARE, OPPOSITE RADISSON BLU HOTEL, MR-10 |
| City: | INDORE, MP |
| State/Country: | INDIA |
| Postal Code: | 452010 |
| Name: | RAKUTEN MOBILE, INC. |
| Street Address: | 1-14-1 TAMAGAWA, SETAGAYA-KU |
| City: | TOKYO |
| State/Country: | JAPAN |
| Postal Code: | 158-0094 |
| Name: | RAKUTEN SYMPHONY, INC. |
| Street Address: | 1-14-1 TAMAGAWA, SETAGAYA-KU |
| City: | TOKYO |
| State/Country: | JAPAN |
| Postal Code: | 158-0094 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 18019108 |
| CORRESPONDENCE DATA | |
| Fax Number: | (202)293-7860 |
| <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> | |
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| Correspondent Name: | SUGHRUE MION, PLLC |

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| Address Line 1: | 2000 PENNSYLVANIA AVENUE, N.W. |
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| ATTORNEY DOCKET NUMBER: | Q282455 |
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| NAME OF SUBMITTER: | MIN JEE HA |
|---------------------------|------------|

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| SIGNATURE: | /Min Jee Ha/ |
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| DATE SIGNED: | 02/01/2023 |
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Total Attachments: 2

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ASSIGNMENT WITH DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

Whereas, I, the undersigned inventor (hereinafter "Assignor"), have invented the invention disclosed in the application identified below; and

Whereas, **Rakuten Symphony India Private Limited of 3rd Floor, C21 Business Park, C21 Square, Opposite Radisson Blu Hotel, MR-10, Indore, MP, 452010, India, RAKUTEN MOBILE, INC. of 1-14-1 Tamagawa, Setagaya-ku, Tokyo, 158-0094, Japan and Rakuten Symphony, Inc. of 1-14-1 Tamagawa, Setagaya-ku, Tokyo, 158-0094, Japan**, (hereinafter "Assignee"), desires to acquire the entire right, title, and interest in the application and invention, and to any Letter Patent to be obtained therefor, or issuing on any subsequently filed United States or foreign patent application which claims the benefit of the filing date thereof;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I, the below named Assignor, hereby sell, assign and transfer to the above named Assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, and all countries foreign thereto, including rights of priority under the International Convention of Paris (1883) as amended, including the right to claim priority under 35 USC 119 and the right to sue for past damages, and I request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the Assignee, its successors and assigns; and hereby agree that the assignee may apply for foreign Letters Patent on the invention and I will execute without further consideration all papers deemed necessary by the Assignee in connection with the United States and foreign applications when called upon to do so by the Assignee.

(Legalization not required for recording but is prima facie evidence of execution under 35 USC 261)

As the below named inventor, I hereby declare that:

This assignment with declaration is ☐ The attached application, or directed to:
☒ United States Application or PCT International Application Number PCT/US2022/054143 filed on December 28, 2022.

The application is entitled:

SYSTEM AND METHOD FOR CORDON OF O-CLOUD NODE

The above identified application was made or was authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I have reviewed and understand the contents of the application for which this assignment with declaration is being submitted.

I am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR 1.56.

I hereby acknowledge that any willful false statement made in this assignment with declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

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| Name of sole or first inventor: | | |
| Given Name (first and middle [if any]) | Manmeet | Family Name or Surname BHANGU |
| Inventor's signature / | Manmeet Bhangu / | Date 2023-01-24 |
| Name of additional joint inventor, if any: | | |
| Given Name (first and middle [if any]) | Pankaj | Family Name or Surname SHETE |
| Inventor's signature / | Pankaj Shete / | Date 2023-01-24 |
| Name of additional joint inventor, if any: | | |
| Given Name (first and middle [if any]) | Jyoti | Family Name or Surname BOSE |
| Inventor's signature / | Jyoti Bose / | Date 2023-01-30 |