

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	HUAWEI DEVICE CO., LTD.	09/06/2023
RECEIVING PARTY DATA		
Name:	BEIJING KUNSHI INTELLECTUAL PROPERTY MANAGEMENT CO., LTD.	
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City:	CHAOYANG DISTRICT, BEIJING	
State/Country:	CHINA	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	14984335
CORRESPONDENCE DATA		
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NAME OF SUBMITTER:	GUDDI KANOJIA	
SIGNATURE:	/Guddi Kanojia/	
DATE SIGNED:	10/30/2023	
Total Attachments: 4		
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Assignment of Patent Rights

For good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned, *Huawei Device Co., Ltd., having office at B2-5 of Nanfang Factory, No.2 of Xincheng Road Songshan Lake Science and Technology Industrial Zone Dongguan Guangdong 523808 China* ("Assignor"), hereby:

sells, assigns, transfers and conveys unto *Beijing Kunshi Intellectual Property Management Co., Ltd, having office at Unit 1501-03C, 15th floor, Unit 1, Building 1, No. 1 East Third Ring Middle Road, Chaoyang District, Beijing* ("Assignee"), and its successors, all rights, title and interest in and to the patent and patent applications as listed in the Appendix ("Transferred Patents") and all of the following:

(A) Causes of action (whether currently pending, filed or otherwise) and other enforcement rights under, or on account of, the Transferred Patent, including, without limitation, all causes of action and other enforcement rights for (i) damages, (ii) injunctive relief, and (iii) any other remedies of any kind for past, current and future infringement; and

(B) Rights to collect royalties or other payments under or on account of the Transferred Patent.

AND Assignor hereby agrees to execute, without further consideration, any further documents and instruments prepared by or on behalf of Assignee which are reasonable, lawful and necessary to perfect title in and to the Transferred Patent,

AND Assignor hereby authorize the U.S. Patent and Trademark Office to issue, in the name of Assignee as the owner of the entire interest in the Transferred Patent, any and all Certificates of Correction, reissue, reexamination, divisional, continuation or other patents that may arise from the Transferred Patent, and for the Assignee to apply or petition for any of the foregoing.

The terms and conditions of this Assignment of Patent Rights shall inure to the benefit of Assignee, its successors, assigns and other legal representatives and will be binding upon Assignor, its successors, assigns and other legal representatives.

IN WITNESS WHEREOF this Assignment of Patent Rights is executed and effective as of Sep 6, 2023.

ASSIGNOR

By:  _____

Name: Shuaifeng Shang

ASSIGNEE

By:  _____

Name: Kai LV

Title: Supervisor of System Platform & Process Dept. Title: _____ Authorized Representative

APPENDIX

Transferred Patents

Country	Application No.	Filing Date	Grant No.	Grant Date
US	13572445	10 Aug 2012	9256446	9 Feb 2016
US	15007495	27 Jan 2016	10698563	30 Jun 2020
US	16904783	18 Jun 2020	10983668	20 Apr 2021
US	17220194	1 Apr 2021	N/A	N/A
US	13662463	27 Oct 2012	9372594	21 Jun 2016
US	15154154	13 May 2016	10649631	12 May 2020
US	16852322	17 Apr 2020	11079908	3 Aug 2021
US	17374707	13 Jul 2021	11561680	24 Jan 2023
US	14901557	28 Dec 2015	11269482	8 Mar 2022
US	17587839	28 Jan 2022	N/A	N/A
US	18157736	20 Jan 2023	N/A	N/A
US	15034011	3 May 2016	9787814	10 Oct 2017
US	15684489	23 Aug 2017	10225390	5 Mar 2019
US	16256758	24 Jan 2019	10764419	1 Sep 2020
US	16933233	20 Jul 2020	11233890	25 Jan 2022
US	15112635	19 Jul 2016	10403971	3 Sep 2019
US	16526450	30 Jul 2019	10826170	3 Nov 2020
US	17087090	2 Nov 2020	11431088	30 Aug 2022
US	17815497	27 Jul 2022	N/A	N/A
US	14984335	30 Dec 2015	11016632	25 May 2021
US	17241757	27 Apr 2021	11301114	12 Apr 2022
US	17695369	15 Mar 2022	N/A	N/A

Assignment of Patent Rights

For good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned, *HUAWEI TECHNOLOGIES CO., LTD., having office at Huawei Administration Building, Bantian, Longgang District, Shenzhen, Guangdong P.R. China ("Assignor")*, hereby:

sells, assigns, transfers and conveys unto *Beijing Kunshi Intellectual Property Management Co., Ltd, having office at Unit 1501-03C, 15th floor, Unit 1, Building 1, No. 1 East Third Ring Middle Road, Chaoyang District, Beijing ("Assignee")*, and its successors, all rights, title and interest in and to the patent and patent applications as listed in the Appendix ("Transferred Patents") and all of the following:

(A) Causes of action (whether currently pending, filed or otherwise) and other enforcement rights under, or on account of, the Transferred Patent, including, without limitation, all causes of action and other enforcement rights for (i) damages, (ii) injunctive relief, and (iii) any other remedies of any kind for past, current and future infringement; and

(B) Rights to collect royalties or other payments under or on account of the Transferred Patent.

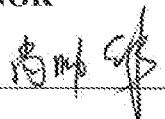
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AND Assignor hereby authorize the U.S. Patent and Trademark Office to issue, in the name of Assignee as the owner of the entire interest in the Transferred Patent, any and all Certificates of Correction, reissue, reexamination, divisional, continuation or other patents that may arise from the Transferred Patent, and for the Assignee to apply or petition for any of the foregoing.

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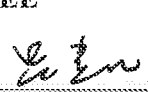
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US	15541297	30 Jun 2017	N/A	N/A
US	16063934	19 Jun 2018	10904627	26 Jan 2021
US	17109677	2 Dec 2020	11259090	22 Feb 2022
US	15775260	10 May 2018	10972476	6 Apr 2021
US	17128506	21 Dec 2020	N/A	N/A
US	16332180	11 Mar 2019	10701545	30 Jun 2020
US	17041971	25 Sep 2020	N/A	N/A