506500430 02/11/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6547205

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NOKIA CORPORATION	07/01/2020

RECEIVING PARTY DATA

Name: VIVO MOBILE COMMUNICATION CO., LTD.	
Street Address: #283, BBK ROAD, WUSHA	
City: CHANG'AN DONGGUAN, GUANGDONG	
State/Country:	CHINA
Postal Code:	523860

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	12462860	

CORRESPONDENCE DATA

Fax Number: (312)977-9959

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.

Phone: 3129779902

Email:cramirez@vonbriesen.comCorrespondent Name:VON BRIESEN & ROPER, S.C.Address Line 1:ONE NORTH FRANKLIN STREET

Address Line 2: SUITE 2350

Address Line 4: CHICAGO, ILLINOIS 60606

ATTORNEY DOCKET NUMBER:	60193/OIUS1921352CN(ZA)
NAME OF SUBMITTER:	THOMAS A. MILLER
SIGNATURE:	/Thomas A. Miller/
DATE SIGNED:	02/11/2021

Total Attachments: 5

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PATENT REEL: 055231 FRAME: 0666

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RECORDATION FORM COVER SHEET PATENTS ONLY				
To the Director of the U.S. Patent and Trademark Office: Pleas	To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.			
1. Name of conveying party(les)	2. Name and address of receiving party(ies) Name: VIVO MOBILE COMMUNICATION CO., LTD.			
Nokia Corporation	Internal Address:			
Additional name(s) of conveying party(ies) attached? Yes No 3. Nature of conveyance/Execution Date(s): Execution Date(s) July 1, 2020 Assignment Merger Security Agreement Change of Name Joint Research Agreement Government Interest Assignment Executive Order 9424, Confirmatory License Other 4. Application or patent number(s): This A. Patent Application No.(s)	Street Address: #283, BBK Road, Wusha City: Chang'an Dongguan, Guangdong State: Country: China Zip: 523860 Additional name(s) & address(es) attached? Yes No document serves as an Oath/Declaration (37 CFR 1.63).			
12/462,860	B. Patent No.(s) US 7,870,319 B2 ached? ☐ Yes ■ No			
5. Name and address to whom correspondence concerning document should be mailed: Name: Thomas A. Miller	6. Total number of applications and patents involved: 1			
Internal Address: von Briesen & Roper, s.c.	7. Total fee (37 CFR 1.21(h) & 3.41) \$			
Street Address: One North Franklin Street Suite 2350	Authorized to be charged to deposit account Enclosed None required (government interest not affecting title)			
City: Chicago	8. Payment Information			
State: Illinois Zip: 60606 Phone Number: (312) 977-9903 Docket Number: 60193/OIUS1921352CN(ZA) Email Address: tmiller@vonbriesen.com	Deposit Account Number 50-3629 Authorized User Name			
9. Signature:	February 10, 2021			
Thomas A Miller Name of Person Signing Documents to be recorded (Including cover shee	Total number of pages including cover sheet, attachments, and documents: t) should be faxed to (571) 273-0140, or mailed to:			
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450				

PATENT REEL: 055231 FRAME: 0667

ASSIGNMENT

WHEREAS, NOKIA CORPORATION, having a place of business at Karakaari 7, 02610 ESPOO, FINLAND (hereafter, together with any successors, legal representatives or assigns thereof, called "Assignor") is the owner of the entire right, title and interest of the patent(s) listed below.

AND WHEREAS, VIVO MOBILE COMMUNICATION CO., LTD., a company incorporated in the People's Republic of China, whose principal office is at 283# Bubugao (BBK) road, Jiangbei, Wusha Industrial Zone, Chang'An Dongguan, Guangdong, 523860 ("ASSIGNEE") (hereafter, together with any successors, legal representatives or assigns thereof, called "Assignee") wants to acquire the entire right, title and interest in and to said Patent(s) listed below, and Assignor is willing to enter into such assignment.

NOW, THEREFORE, effective on July 5,2019 and in consideration of the promises herein and other good and valuable consideration the receipt of which from Assignee is hereby acknowledged, Assignor has sold, assigned, transferred and set over, and does hereby sell, assign, transfer and set over to Assignee the entire right, title and interest in and to the patent(s) below, and all patents, patent applications, foreign patents, foreign patent applications, continuations, continuations-in-part, divisionals, extensions, renewals, reissues and re-examinations thereof, including without limitation, all rights to claim priority on the basis thereof, all rights to sue for past, present and future infringement, including the right to collect and receive any damages, royalties, or settlements for such infringements, all rights to sue for injunctive or other equitable relief thereof;

Assignce acknowledges that this sale, assignment, transfer and set over is made subject to encumbrances which, for clarity, shall run with the assigned patents and patent applications.

Country	Application No.	Application Date	Grant No.	Status
US	12/462860	2009/8/11	7870319	Granted

IN WITNESS WHEREOF, the Assignor has caused this Assignment to be signed by its duly authorized officers.

ASSIGNOR: NOKIA CORPORATION	Sh
Signature Jerenia: Vanusi Authorized signatory	Signature Ingrid Viltanen Authorized signatory
Printed Name	Printed Name
Title // / 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Title The 1, 2020
Duty / / / / / / / / / / / / / / / / / / /	Date

PATENT REEL: 055231 FRAME: 0668

ACKNOWLEDGED BY ASSIGNEE

Date

ASSIGNEE: VIVO M	OBILE COMN	MUNICATION	CO., LTD.
X/m Varaca			
Signature			
Xianwen XU	.5		
Printed Name	anning in the second		
Head of Intellectual	Property		
Title	***************************************	in,	
T Tuly 2000			

EXTRACT FROM THE TRADE REGISTER

Company name:

Nokia Markapuhelimet Oy

Business Identity Code:

0300326~6 269.874

Trade Register Number:

06.07.1979

Company Registered:

limited liability company

Company Form: Domicile:

Espoo

Register entries:

COMPANY NAME (reg. 21.06.1989-30.09.2001) Nokia Mackapuhelimet Oy.

PARALLEL COMPANY NAME (reg. 21.06.1989-30.09.2001) Parallel company name (English): Nokia Mobile Phones Ltd.

DOMICILE (reg. 18,03.1997-30,09.2001)

IMPLEMENTATION OF MERGER (registered 01.10.2001)
By a permission granted by the Registration Authority
By a permission granted by the Registration Authority
Marineland Dy Business ID 0196242-0, Nokia Networks Dy
Business ID 0101120-3, Nokia Matkapuhelimet Dy Business ID
0300326-6, Nokia Display Products Dy Business ID 0751877-7,
Nokia Multimedia Terminals Dy Business ID 0812093-9, have merged
with a company named Nokia Dyj Business ID 0112038-9.

DISSOLUTION/TERMINATION OF BUSINESS (registered 01.10.2001) The company has been dissolved.

ADDITIONAL INFORMATION: No information on bankruptcy, liquidation and reorganization proceedings, if any, is available in the computer system from the time preceding December 02, 1994. 01,10.2001 Termination of business entered in the register.

PATENT

REEL: 055231 FRAME: 0670

COMPANY NAME HISTORY:

21.06.1989 - 30.09.2001 Nokia Matkapuhelimet Oy 24.07.1986 - 20.06.1989 Nokia-Mobira Dy 06.07.1979 - 23.07.1986 Mobira Oy

Helsinki, 11 September 2009

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Administrative Officer

Fee 691.50



REEL: 055231 FRAME: 0671