



**UNITED STATES
PATENT AND TRADEMARK OFFICE**

Assignment abstract of title for Application 15352255

Invention title/Inventor	Patent	Publication	Application	PCT International registration
Servicing Cell Selection in Air to Ground Communication Systems Heinz A. Miranda, Michael H. Baker, James P. Michels, Yong Liu	9954600 Apr 24, 2018	20180083692 Mar 22, 2018	15352255 Nov 15, 2016	

Assignments (10 of 10 total)

Assignment 10

Reel/frame	Execution date	Date recorded	Properties	Pages
069479/0335	Dec 03, 2024	Dec 03, 2024	168	21

Conveyance
PATENT SECURITY AGREEMENT

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Assignment 9

Reel/frame	Execution date	Date recorded	Properties	Pages
056153/0033	Apr 30, 2021	May 06, 2021	129	17

Conveyance
RELEASE OF SECURITY INTEREST IN INTELLECTUAL PROPERTY COLLATERAL

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Assignment 8

Reel/frame	Execution date	Date recorded	Properties	Pages
057252/0208	Apr 30, 2021	May 04, 2021	112	13

Conveyance
RELEASE BY SECURED PARTY (SEE DOCUMENT FOR DETAILS).

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Assignment 7

Reel/frame	Execution date	Date recorded	Properties	Pages
056106/0471	Apr 30, 2021	Apr 30, 2021	129	14

Conveyance

SECURITY INTEREST (SEE DOCUMENT FOR DETAILS).

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Assignment 6

Reel/frame	Execution date	Date recorded	Properties	Pages
053782/0669	Aug 31, 2020	Sep 15, 2020	126	19

Conveyance

ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

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Assignment 5

Reel/frame	Execution date	Date recorded	Properties	Pages
050193/0797	Aug 26, 2019	Aug 27, 2019	112	13

Conveyance

SECURITY INTEREST (SEE DOCUMENT FOR DETAILS).

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Assignment 4

Reel/frame	Execution date	Date recorded	Properties	Pages
049074/0225	Apr 25, 2019	May 02, 2019	110	12

Conveyance

SECURITY INTEREST (SEE DOCUMENT FOR DETAILS).

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Assignment 3

Reel/frame	Execution date	Date recorded	Properties	Pages
049013/0360	Apr 25, 2019	Apr 26, 2019	107	12

Conveyance

RELEASE OF SECURITY INTEREST IN PATENTS AT REEL/FRAME NO. 039381/0484

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Assignment 2

Reel/frame	Execution date	Date recorded	Properties	Pages
040913/0169	Dec 13, 2016	Dec 14, 2016	1	7

Conveyance

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Assignment 1

Reel/frame	Execution date	Date recorded	Properties	Pages
040342/0305	Nov 14, 2016	Nov 16, 2016	1	8

Conveyance

ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

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