

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4165713

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
STEVEN COOPER	11/21/2016
DAVID HENDRY	11/21/2016
BRIAN HURLEY	11/21/2016
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Property Type	Number
Application Number:	15351646
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DATE SIGNED:	12/01/2016
Total Attachments: 5	
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A S S I G N M E N T

For good and valuable consideration, I/we, the undersigned

Assignor 1)
Steven Cooper
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Assignor 2)
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Assignor 3)
Brian Hurley
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hereby sell, assign, and transfer to

Nokia Solutions and Networks Oy

a Finnish corporation organized and existing under the laws of FINLAND , having its principal place of business in ESPOO , FINLAND herein the "Assignee", its successors, assigns and legal representatives the entire and exclusive right, title and interest in and for the United States, in all and to any improvements in the

(Title:) **FILTER COMPONENT TUNING USING SIZE ADJUSTMENT**

disclosed in the application for Letters Patent designating the United States, said application being identified in our records as

Applicants File No. 2014P02163 US
 Serial No. 15/351,646

and in and to said application and all divisional, continuing substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States on said improvements;

hereby agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name and that when requested without charge to but at the expense of said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this agreement, the undersigned will execute all divisional, continuing

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substitute, renewal, reissue and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and legal representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns, or legal representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements in said Assignee, its successors, assigns, and legal representatives; and hereby covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed had been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

2014P02163 US

3/5

Assignor 1)

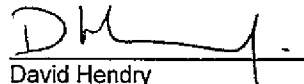
Date: 21 NOV 2016



Steven Cooper


Assignor 2)

Date: 21 Nov. 2016


David Hendry

Assignor 3)

Date: 21st Nov 2016



Brian Hurley