## 507172823 03/11/2022

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7219669

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
DENIS FRAGNOL	01/15/2021
SIMON STIRLAND	01/15/2021

## **RECEIVING PARTY DATA**

Name:	AIRBUS DEFENCE AND SPACE LIMITED
Street Address:	GUNNELS WOOD ROAD
City:	STEVENAGE HERTFORDSHIRE
State/Country:	GREAT BRITAIN
Postal Code:	SG1 2AS

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	17259918

### **CORRESPONDENCE DATA**

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Correspondent Name: BLANK ROME LLP
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ATTORNEY DOCKET NUMBER:	159039.00103
NAME OF SUBMITTER:	MICHAEL C. GREENBAUM
SIGNATURE:	/Michael C. Greenbaum/
DATE SIGNED:	03/11/2022

## **Total Attachments: 4**

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> PATENT REEL: 059235 FRAME: 0761

507172823

# **ASSIGNMENT**

	(1)	Denis Fragnol
Insert Name(s) of Inventor(s)	(2)	
	(3)	
	(4)	
	(5)	
	(6)	
		For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the said assignors have sold, assigned, transferred and set over, and by these presents do sell assign, transfer and set over, unto the assignee,
Insert Name of Assignee		Airbus Defence and Space SAS
Insert Address of Assignee		51-61 route de Verneuil 78130 Les Mureaux France
		(hereinafter designated as the Assignee) the entire right, title and interest in the invention for patent in the United States of America
Insert		ARRAY-FED REFLECTOR ANTENNA
Identification of Invention, such as Title, Case# or For. Appl. No.	as	17/259,918
		for which the undersigned has filed an application for patent in the United States of America
Insert Date of Filing		January 12, 2021
		and any and all applications for patent and patents in any and all countries, including all divisions, continuations, reissues, and extensions thereof and all rights of priority resulting from the filing of said United States application.

PATENT REEL: 059235 FRAME: 0762

- 1) The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.
- 2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.
- 3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
- 4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.
- 5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.
- 6) The undersigned hereby grant(s) the firm of BLANK ROME LLP, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date 15 January Signature of Inventor Denis Fragnol

This assignment should preferably be signed before a United States Consul. If not, then the execution by the Inventor(s) should be witnessed by at least two witnesses who sign here:

Witness DELVAL Presse-François Poly Witness MAERT. LEB MIN Kayer

PATENT

REEL: 059235 FRAME: 0763 —

## **ASSIGNMENT**

Insert Name(s) of Inventor(s)	(1)	Simon Stirland
	(2)	
	(3)	
	(4)	
	(5)	
	(6)	
		For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the said assignors have sold, assigned, transferred and set over, and by these presents do sell assign, transfer and set over, unto the assignee,
Insert Name of Assignee		Airbus Defence and Space Limited
Insert Address of Assignee		Gunnels Wood Road Stevenage Hertfordshire SGI 2AS Great Britain
		(hereinafter designated as the Assignee) the entire right, title and interest in the invention for patent in the United States of America
Insert		ARRAY-FED REFLECTOR ANTENNA
Identification of favention, such as Title, Case # or For. Appl. No.	18	17/259,918
		for which the undersigned has filed an application for patent in the United States of America
insert Date of Filing		January 12, 2021
		and any and all applications for patent and patents in any and all countries, including all divisions, continuations, reissues, and

extensions thereof and all rights of priority resulting from the filing

of said United States application.

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REEL: 059235 FRAME: 0764

- 1) The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.
- 2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.
- 3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
- 4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.
- 5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.
- 6) The undersigned hereby grant(s) the firm of BLANK ROME LLP, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	organic of inventor	Simon STIRLAND
~	* **	United States Consul. If not, then by at least two witnesses who sign
Witness		
Witness		

**RECORDED: 03/11/2022** 

PATENT

**REEL: 059235 FRAME: 0765**