

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5664281

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	Luke SMITH	08/01/2019
RECEIVING PARTY DATA		
Name:	A-Fax Limited	
Street Address:	Habbergham Works, Ainley Industrial Estate	
City:	Elland, West Yorkshire	
State/Country:	United Kingdom	
Postal Code:	HX5-9JP	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	15316553	
CORRESPONDENCE DATA		
Fax Number:	(703)836-2787	
<i>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.</i>		
Phone:	703-836-6400	
Email:	email@oliff.com	
Correspondent Name:	JAMES A. OLIFF	
Address Line 1:	OLIFF PLC	
Address Line 2:	P.O. BOX 320850	
Address Line 4:	ALEXANDRIA, VIRGINIA 22320-4850	
ATTORNEY DOCKET NUMBER:	174125	
NAME OF SUBMITTER:	MARIAH STATEN	
SIGNATURE:	/Mariah Staten/	
DATE SIGNED:	08/12/2019	
Total Attachments: 1		
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WORLDWIDE ASSIGNMENT

Insert (1) Luke SMITH (2) _____
 (1-8) Legal Name(s) (3) _____ (4) _____
 of Inventor(s) (5) _____ (6) _____
 (7) _____ (8) _____

In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the receipt and sufficiency of which are hereby acknowledged, each undersigned agrees to assign, and hereby does assign, transfer and set over to

(9) Insert Name of Assignee (9) A-FAX LIMITED
 (10) Insert Address of Assignee (10) Habergham Works, Ainley Industrial Estate, Elland, West Yorkshire, HX5 9JP, UNITED KINGDOM

(hereinafter designated as the Assignee) and Assignee's heirs, successors, assigns and legal representatives, the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100 and for all other countries: in the invention: in all applications for patent or similar rights on the invention, said applications including any and all provisional, non-provisional, divisional, continuation, international, confirmation, substitute and reissue application(s), including any application(s) filed in any country based thereon, and including the right to file foreign applications under the provisions of any treaty or convention; and in all grants, such as Letters Patent, certificates, utility models, confirmations, extensions, reissues and reexamination certificates that may be granted in the United States and in all other countries on the invention, known as

(11) Insert Identification such as Title, Case Number, or Foreign Application Number (11) Barrier
 (Attorney Docket No. 174125), filed on even date herewith or as

(12) Alternative Identification for filed applications (12) U.S. Application Number 15/316,553
 filed December 6, 2016

1) Each undersigned agrees to execute all papers necessary in connection with any application and/or grant for the invention and also to execute separate assignments in connection with such applications and grants as the Assignee may deem necessary.

2) Each undersigned agrees to execute all papers necessary in connection with any interference or post-grant proceeding which may be declared concerning any application or grant for the invention and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or post-grant proceeding.

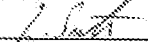
3) Each undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

4) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm a valid grant to the Assignee in the United States and any other country in which the Assignee may file an application for patent or other grant.

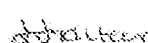
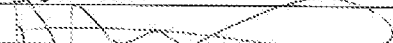
5) Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office and other issuing authorities to issue any and all patents or other grants resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and covenants that he or she has full right to convey the entire interest herein assigned, and that he or she has not executed, and will not execute, any agreement(s) in conflict herewith, and agrees that this assignment is binding on Assignor and Assignor's heirs, successors, assigns and legal representatives.

6) Each undersigned hereby grants the firm of OLIFF PLC the power to insert on this assignment any further identification that may be necessary or desirable in order to comply with the rules of any issuing authority, including 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	01/08/19	Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

Date	01/08/19	Witness	
Date	01/06/19	Witness	

PATENT

RECORDED: 08/12/2019

REEL: 050027 FRAME: 0368