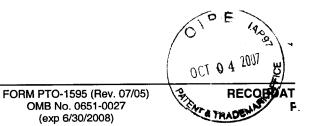
OMB No. 0651-0027 (exp 6/30/2008)



10-10-2007



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3. Department of Commerce ent and Trademark Office Attorney Docket No. 09826.0011

2		Attorney Customer Number: 22,852		
-, [To the Director of the U.S. Patents and Trademarks Office: Please record the attached original documents or copy thereof.			
<i>h</i> -(Name of conveying parties:	Name and address of receiving party:		
7 /	1) James CHAPMAN 2) Jason TAYLOR 3) Cyril VALADON	Name: TTPCOM LIMITED		
	Additional name of conveying party attached? Yes No	Internal Address:		
ļ	3. Nature of conveyance/Execution Dates: 1) July 27, 2007; 2) September 5, 2007; and 3) September 6, 200	Street Address: Melbourn Science Park, Cambridge Road, Melbourn, Royston, Hertfordshire SG8 6HQ, United Kingdom		
		City:		
	☐ Security Agreement ☐ Change of Name	State: Zip Code:		
	☐ Joint Research Agreement			
	Government Interest Assignment	Additional name & Address attached?		
	Executive Order 9424, Confirmatory License			
	Other	☐ Yes		
	4. Application number or patent number: This document is being filed together with a new application.			
	A. Patent Application Number:	B. Patent Number:		
	11/662,302			
	Additional numbers attached?			
	 Name and address of to whom correspondence concerning document should be mailed: 	6. Total number of applications and registrations involved: 1		
	Name: Mr. Ernest F. Chapman	7. Total fee (37 CFR 3.41): \$40		
.0/09/)1 FC:	2007 DBYRNE 00000027 1166 2 302 8021	Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed (Please charge deficiency to deposit account) None required (government interest not affecting title)		
	Internal Address: FINNEGAN, HENDERSON, FARABOW,	8. Payment Information		
	GARRETT & DUNNER, L.L.P. Street Address: 901 New York Avenue, NW	a. Credit Card Last 4 Numbers Expiration Date		
	City: Washington, D.C.	b. Deposit Account No.: 06-0916		
	State: Zip: 20001-4413	Authorized User Name		
	8. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original true best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original true best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original true.			
	To the best of my knowledge and belief, and the document.	October 4, 2007		
	Ernest F. Chapman	Date		
	Designation No. 25.961	Signature		
	Total number of pages including cover sheet, attachments and documents: 3			

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:

Mail Stop Assignment Recordation Services, Director of the USPTO, PO box 1450, Alexandria, VA 22313-1450

Attorney Docket No.: 09826.0011

Page 1 of 2

JOINT INVENTION (U.S. Rights Only)

ASSIGNMENT

WHEREAS, We, the below named inventors, (hereinafter referred to as assignors, have made an invention entitled:

REFINEMENT OF CHANNEL RESPONSE CALCULATION

nerewith or on		_or filea an applicatio	n for United States
Letters Patent on _	March 9, 2007 (App	lication No.); and
WHEREAS	TTPCom Limited, a	corporation of United	Kingdom, whose nost
	lelboum Science Park		

for which we executed an application for United States Letters Patent concurrently

WHEREAS, TTPCom Limited, a corporation of United Kingdom, whose post office address is *Melbourn Science Park, Cambridge Road, Melbourn, Royston, Hertfordshire SG8 6HQ, United Kingdom* (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application,

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, we, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and we hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE HEREBY further covenant and agree that we will, without further consideration, communicate with assignee, its successors and assigns, any facts known to us respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

AND, WE HEREBY authorize and request the attorneys we have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. 11/662,302, filed March 9, 2007) the filing date and application number of said application when known.

PATENT REEL: 019951 FRAME: 0910 Attorney Docket No.: 09826.0011

Page 2 of 2

IN TESTIMONY WHEREOF, we have hereunto set our hands.

First Assignor

James CHAPMAN 44 York Terrace,

Cambridge, Cambridgeshire CB1 2PR, United Kingdom

Citizenship: Great Britain

Signature:

Date:

Second Assignor

Jason TAYLOR

9 Langham Close,

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Signature:

Date:

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United Kingdom

Citizenship: France

Signature:

Date:

PATENT REEL: 019951 FRAME: 0911

RECORDED: 10/04/2007