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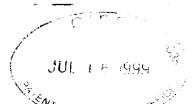
Commissioner of Patents and Tradema

To the Honorable Commissioner of Patents and Tradem	arks: Please record the attached original documents or copy thereof.			
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):			
Avril J. Smith				
John L. Adams	Name: BRITISH TELECOMMUNICATIONS public			
	limited company			
	Internal Address:			
	Street Address: 81 Newgate Street			
Additional name/s of conveying party/ies attached?				
3. Nature of conveyance:	City: London			
	State/Country: England			
☐ Security Assignment ☐ Change of Name	Zip: EC1A 7AJ			
	Zip. ECIA /AJ			
Other				
Execution Date: December 12, 1997	Additional name (- 0 - 11 / 11 10 - 77 - 22			
Execution Date. December 12, 1997	Additional name/s & address/es attached? ☐ Yes ☑ No			
4 4 - 1: - 4:				
 Application number(s) or patent number(s): If this document is being filed together with a new application, 	the annual of the Colombia of			
in this document is being fried together with a new apprecation,	, the execution date of the application is:			
A Theorem Annull and the NY ()	1 m			
A. Patent Application No(s).	B.			
(1) 08/983,268	(1)			
(2)	(2)			
(3)	(3)			
	umbers attached ☐ Yes ☒ No			
5. Name and address of party to whom correspondence	6. Total number of applications & patents involved:			
concerning document should be mailed:				
b worming bilouid or mailed.				
	7. Total fee (37 CFR 3.41) \$ 40.00			
Name: Larry S. Nixon				
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Name: Larry S. Nixon	 ☑ Enclosed ☐ Authorized to be charged to deposit account #14-114 			
Name: Larry S. Nixon	 Enclosed Authorized to be charged to deposit account #14-114 8. The Commissioner is hereby authorized to charge any 			
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Name: Larry S. Nixon Internal Address: Street Address: Nixon & Vanderhye P.C. 1100 North Glebe Road 8th Floor City: Arlington State: VA Zip: 2220 DO 1 9. Statements and signature. To the best of my knowledge and belief, the foregoing of the original document. Larry S. Nixon Name of Person Signing	8. The Commissioner is hereby authorized to charge any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereaft filed in this application by this firm) to our Account No. 14-1140. NOT USE THIS SPACE			
Name: Larry S. Nixon Internal Address: Street Address: Nixon & Vanderhye P.C. 1100 North Glebe Road 8th Floor City: Arlington State: VA Zip: 2220 DO 1 9. Statements and signature. To the best of my knowledge and belief, the foregoing of the original document. Larry S. Nixon Name of Person Signing Reg. No. 25,640	8. The Commissioner is hereby authorized to charge any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereaft filed in this application by this firm) to our Account No. 14-1140. NOT USE THIS SPACE g information is true and correct and any attached copy is a true copy July 16, 1999			

PATENT

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REEL: 010551 FRAME: 0949



	(1)	Avril J.	Smith				
Inventors)			nard Adams				and
	(3)						
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(Assignee)			Telecommuni				
(Address)	(5) of _	81 Newg	ate Street,	London EC1A	7AJ, Great	Britain	
			s the Assignee) the and possessions, ar			the United State	s, its
(Other Countries)		herefor, known a	in the invention, a	and all applications	for patent and an	y Letters Patent	which may be
(Title)	(7)	Broa	dband Switch	ning Network		(Case N	0
	for which	the undersigned	i has (have) executed even date, then has	d on even date here			
	(8) on _	***				or has a	dready filed in
	(9) U.S.	appln. Serial 1	Number	, filed on			
Interference In connection necessary in similar agre 2) Th States paten 3) Th the United S Assignee, as interest her 4) Th identificati recordation	which may lead to with such a connection dements. The undersign of the undersign of the undersign of this doc	be declared and applications as a with claims of the declared authoriting from said of the entire id, and that he hed hereby grant ay be necessary ument.	execute all papers any continuing or d is the Assignee may done provisions of the perform all affirmatize(s) and requeste application or any interest, and hereby has (they have) not exist the firm of NIX to desirable in or the undersigned on the any control of the control of	ivisional application of the commissioner of the Commissioner division or divi	pedient and furthen pedient and furthen pedient and furthen pedient and furthen pedient for Proton for Proton for Patents to is one or continuing the has (they have) the power to insee the rules of the pedient for the pedi	so to execute ser to perform any ection of Industry obtain a grant sue any and all applications the full right to eement in conflict on this assignment of the States	parate assignment act which may be trial Property of a valid Unit Letters Patent sereof to the seconvey the entity therewith.
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			nventor (2)	_			
			nventor (3)	. *			(SBAL
This as	ssignment sh	ould preferably	be signed before: (be signed before at	a) a Notary Public	if within the U.S.	, (b) a U.S. Co	unsel if outsid
Date <u>-2.172</u>	6147	Witness	Tap Plus	rifs.			
Date 12-1	2-97	Witness			PAT	FNT	
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