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	INVENTOR(S)							
Given Name (first and middle [if any])		Family Name or Surname	(City a	Residence (City and either State or Foreign Country)				
Robert M.		Burke		Los Gatos	s, CA		01	
Additional inventors are being			_separately numbered sheets atta			tached hereto		
		LE OF THE INVENTION					J. 8	
SERVICE PREFERENCE A			C AND PROVI	SIONING CO	ONTRO	L	53	
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Country US			Telephone	650.325.2100	Fax	650.325.2107		
	ENCLO	SED APPLICATION PAR	RTS (check all	that apply)				
Specification Number of I	Pages 17			CD(s), Number	·			
Drawing(s) Number of Sh	Drawing(s) Number of Sheets Other (specify)							
Application Date Sheet. S								
METHOD OF PAYMENT OF F	ILING FEES FO	R THIS PROVISIONAL APP	LICATION FOR	PATENT		· · · · · · · · · · · · · · · · · · ·		
Applicant claims small entity status. See 37 CFR 1.27.  FILING FEE Amount (\$)								
A check of money order	A check or money order is enclosed to cover the filing fees.							
The Director is herby authorized to charge filing fees or credit any overpayment to Deposit Account Number: 50-0890 80.00								
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The invention was made by an agency of the United States Government or under a contract with an agency of the United States Government.								
No.								
Yes, the name of the U.S. Government agency and the Government contract number are:								
<del>[Page 1 of 2]-</del> Innum 23, 2004								
Respectfully submitted, Date January 22, 2004								
SIGNATURE REGISTRATION NO. 30,320 (if appropriate)				0,320				
TYPED or PRINTED NAME Gerald B. Rosenberg Docket Number: BRDB3001								

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for EV	2004	Filing Date	January 22, 2004		
<b>3</b>			Burke, Robert M.		
		Examiner Name	N/A		
licant claims small entity status	. See 37 CFR 1.27	Art Unit	N/A		
AMOUNT OF PAYMENT	(\$) 80.00	Attorney Docket No.	BRDB3001		
	FEE TRANS  for FY  ective 10/01/2003. Patent fees are s	FEE TRANSMITTAL for FY 2004 ective 10/01/2003. Patent fees are subject to annual revision. licant claims small entity status. See 37 CFR 1.27	FEE TRANSMITTAL  for FY 2004  ective 10/01/2003. Patent fees are subject to annual revision.  dicant claims small entity status. See 37 CFR 1.27  Art Unit		

METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)					
Check Credit card Money Other None	3. ADDITIONAL FEES					
✓ Deposit Account:	Large I	Large Entity   Small Entity				
Deposit	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
Account Number 50-0890	1051	130	2051		Surcharge - late filing fee or oath	ree Falu
Deposit Account NewTechLaw	1052	50	2052		Surcharge - late provisional filing fee or cover sheet	
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Charge fee(s) indicated below Credit any overpayments	1812	2,520	1812	2,520	For filing a request for ex parte reexamination	L
Charge any additional fee(s) or any underpayment of fee(s)	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
Charge fee(s) indicated below, except for the filling fee to the above-identified deposit account.	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
FEE CALCULATION	1251	110	2251	55	Extension for reply within first month	<u> </u>
1. BASIC FILING FEE	1252	420	2252	210	Extension for reply within second month	$\vdash$
Large Entity Small Entity	1253	950	2253	475	Extension for reply within third month	<u> </u>
Fee Fee Fee Fee Fee Paid Fee Paid Code (\$) Code (\$)	1254	1,480	2254	740	Extension for reply within fourth month	
1001 770 2001 385 Utility filing fee	1255	2,010	2255	1,005	Extension for reply within fifth month	<b></b>
1002 340 2002 170 Design filing fee	1401	330	2401	165	Notice of Appeal	
1003 530 2003 265 Plant filing fee	1402	330	2402	165	Filing a brief in support of an appeal	
1004 770 2004 385 Reissue filing fee	1403	290	2403	145	Request for oral hearing	
1005 160 2005 80 Provisional filing fee 80.00	1451	1,510	1451	1,510	Petition to institute a public use proceeding	
SUBTOTAL (1) (\$) 80.00	1452	110	2452	55	Petition to revive - unavoidable	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1453	1,330	2453	665	Petition to revive - unintentional	
Fee from	1501	1,330	2501	665	Utility issue fee (or reissue)	
Total Claims		480	2502	240	Design issue fee	
		640	2503		Plant issue fee	<u> </u>
Claims 3** = X =	1460	130	1460		Petitions to the Commissioner	
	1807	50	1807	7 50	Processing fee under 37 CFR 1.17(q)	$\vdash$
Large Entity   Small Entity Fee Fee   Fee Fee Fee Description	1806	180	1806		Submission of Information Disclosure Stmt	$\vdash$
Code (\$) Code (\$)	8021	40	8021	1 40	Recording each patent assignment per property (times number of properties)	
1202 18 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in excess of 3	1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1203 290 2203 145 Multiple dependent claim, if not paid	1810	770	2810	385	For each additional invention to be	
1204 86 2204 43 ** Reissue independent claims					examined (37 CFR 1.129(b))	
over original patent	1801	770	2801	385	· · · · · · · · · · · · · · · · · · ·	$\square$
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	1802	900	1802	900	Request for expedited examination of a design application	
SUBTOTAL (2) (\$)	Other fee (specify)					
**or number previously paid, if greater; For Reissues, see above	*Redu	ced by	Basic I	Filing F	ee Paid SUBTOTAL (3) (\$)	]

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### BROADBAND NETWORK SYSTEMS, INC. Intellectual Property

# Service Preference Architecture (SPA) Description & Technology

January 14, 2004

BNS Proprietary 1/22/2004





### **BNS Intellectual Property Description**

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### ABOUT THIS DOCUMENT

This document describes BNS Product Features, Intellectual Property and Product Architecture.

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