

Hyperchip Inc. Patent Log

	Description	Pat. No.	Status	Priority Date	Serial No.	Patent Agent	Agency Ref. No.
PBR Logical Routers							
1.3	Routing System with multiple logical sub-systems	China ZL200380103743.1	Issued	2002-11-20	200380103743	SB	P(CN)2002-109 86655-27
1.4		Japan	Allowed	2002-11-20	2004-552298	SB	P(JP)2002-109 86655-31
1.5		Korea	Pending	2002-11-20	10-2005-7009100	SB	P(KO)2002-109 86655-29
Logical Router Extensions (in drafting)							
PBR Traffic Management							
2.1	Method and system for congestion avoidance for packet switching devices (AQUA)		Pending	2001-09-27	US 09/963,487	SB	P(US)2001-041 86655-15
2.2	Method and system for congestion avoidance for packet switching devices (China)	ZL 02819147.1	Issued	2001-09-27	02819147	SB	P(CN)2004-004 86655-12
2.3		Europe EP 1430642	Issued	2001-09-27	2762191.1	SB	P(EP)2004-005 86655-13
3	Congestion management for packet routers (SHARE)	US 7,215,639	Issued	2007-05-08	US 09/943,004	SB	P(US)2001-102 86655-1
PBR Switch Fabric (Matrix,OIM) ¹							
7.1	Cell-based switch fabric architecture implemented on a single chip	US 6,990,096 B2	Issued	2001-06-01	US 09/870,766	SB	P(US)2001-044 86655-2
7.3		China	Pending	2001-06-01	02814443	SB	P(CN)2003-018 86655-16
8	Cell-based switch fabric with distributed scheduling	US 7,277,429	Issued	2001-06-01	US 09/870,800	SB	P(US)2001-045 86655-3
9	Cell-based switch fabric with distributed arbitration		Pending	2001-06-01	US 11/474,480	SB	P(US)2001-046 86655-23
10	Cell-based switch fabric with inter-cell control for regulating packet flow	US 6,990,097 B2	Issued	2001-06-01	US 09/870,767	SB	P(US)2001-047 86655-20
11	Cell-based switch fabric with control for regulating injection of packets	US 7,197,042	Issued	2001-06-01	US 09/870,841	SB	P(US)2001-048 86655-6
12	Programmable interconnect system for scalable router	US 7,274,702	Issued	2001-11-27	US 09/994,017	SB	P(US)2001-139 86655-21
PBR Mechanical							
13	Compact shelf unit for electronic equipment rack	US 6,499,609 B2	Issued	2001-06-04	US 09/871,959	OR	P(US)2000-094 17272-1US
14	Insertion and extraction aid for printed circuit card	US 6,494,729 B1	Issued	2001-06-04	US 09/871,942	OR	P(US)2000-153 17272-2US
15	Midplane for data processing apparatus	US 6,608,762 B2	Issued	2001-06-01	US 09/870,842	SB	P(US)2001-068 86655-25
16	Apparatus and method for inspecting optical fiber end face	US 7,239,788	Issued	2003-05-27	US 10/445,315	OR	P(US)2003-002 17272-3US
17	Circuit breaker module safety device and method	US 6,812,416 B2	Issued	2003-05-29	US 10/447,329	OR	P(US)2003-007 17272-4US
PBR Control Plane							
18	Storage and processing of routing information	US 7,054,311	Issued	2001-07-27	US 09/916,200	SB	P(US)2001-078 86655-4
18.1	Storage and processing of routing information		Allowable	2001-07-28	11/361,970	SB	86655-4C
19	Scalable router	US 7,403,530	Issued	2001-07-27	US 09/915,332	SB	P(US)2001-079 86655-5
19.2	Scalable router - Europe	1 444 806	Issued	2004-02-16	2753985.7	SB	P(EP)2004-002 86655-7
20	Executing multiple tasks in a task set	US 7,310,803	Issued	2001-10-19	US 09/981,883	SB	P(US)2001-110 86655-24

26 Total Number of Patent Applications
(18 Patents Issued, 6 Pending)

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OR = Ogilvy Renault
SB = Smart + Biggar