

AcceleRoute US Patents

AcceleRoute Invention #	Title	Country Code	Enforceability	Patent Number	Application Number	Application Date	Earliest Priority Date	Term Expire Date
36	Time alignment of access nodes to optical distributors of a global network	US	Pending		US 17/308,272	2021-05-05	2020-05-05	
35	Global Contiguous Web of Fused Three-Stage Networks	US	Active	11206467	US 17/000,336	2020-08-23	2019-09-04	2039-09-04
34	Fused Three-Stage Networks Forming A Global Contiguous Network	US	Active	10757488	US 16/559,704	2019-09-04	2018-08-30	2038-08-30
33	Contiguous network	US	Active	10412472	US 16/116,932	2018-08-30	2017-07-10	2037-07-10
32	Distributed control of a modular switching system	US	Active	10070208	US 15/644,883	2017-07-10	2015-11-30	2035-11-30
31	Spectral-temporal connector for full-mesh networking	US	Active	10003865	US 15/588,728	2017-05-08	2014-06-18	2035-06-17
30	Large-scale data center based on a contiguous network	US	Active	10027510	US 15/068,668	2016-03-14	2015-03-12	2036-07-18
29	Contiguous network for cloud communications	US	Active	10129050	US 15/068,664	2016-03-14	2015-03-12	2036-07-11
28	Distributed control of a modular switching system	US	Active	9706274	US 14/953,442	2015-11-30	2014-12-01	2035-06-17
27	Distributed routing control in a vast communication network	US	Active	9762479	US 14/935,460	2015-11-09	2014-11-10	2035-06-17
26	Distributed determination of routes in a vast communication network	US	Active	10021025	US 14/935,457	2015-11-09	2014-11-10	2036-03-14
25	Optical spectral-temporal connector	US	Active	9509432	US 14/741,476	2015-06-17	2006-06-18	2035-06-17
24	Spectral temporal connector for full-mesh networking	US	Active	9647792	US 14/741,475	2015-06-17	2014-06-18	2035-07-07
23	Multiple petabit-per-second switching system based on orthogonal formations of sets of access nodes	US	Active	9860132	US 14/715,604	2015-05-19	2013-11-04	2034-03-11
22	Multiple petabit-per-second switching system employing latent switches	US	Active	9219697	US 14/633,023	2015-02-26	2009-08-27	2032-06-18
21	Petabits-per-second packet switch employing cyclically interconnected switch units	US	Active	9634960	US 14/324,422	2014-07-07	2006-12-14	2033-03-12
20	Network with a fast-switching optical core providing widely varying flow-rate allocations	US	Active	9565487	US 14/324,152	2014-07-05	2006-12-12	2032-06-02
19	Large-scale packet switch	US	Active	9277302	US 14/094,789	2013-12-03	2007-06-21	2030-09-14
18	Switching system employing independent data switches connecting orthogonal sets of nodes	US	Active	9054979	US 14/071,576	2013-11-04	2010-04-05	2030-05-07
17	Packet-switching node with inner flow equalization	US	Active	9148370	US 13/862,480	2013-04-15	2010-10-14	2031-09-04

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16	Time-coherent global network employing spectral routers	US	Active	9596524	US 13/656,667	2012-10-20	2009-08-27	2032-03-31
15	High-capacity data switch employing contention-free switch modules	US	Active	8774176	US 13/548,192	2012-07-12	2005-12-16	2026-12-14
14	Latent space switch using a single transposing rotator	US	Active	8971340	US 13/526,488	2012-06-18	2009-08-27	2030-03-12
13	Single-rotator latent space switch with an embedded controller	US	Active	9252909	US 13/526,368	2012-06-18	2009-08-27	2031-07-19
12	Single-rotator latent space switch with an external controller	US	Active	9154255	US 13/525,866	2012-06-18	2009-08-27	2031-01-20
11	Network with a fast-switching optical core providing widely varying flow-rate allocations	US	Active	8774200	US 13/284,870	2011-10-29	2007-12-06	2028-09-16
10	Large-scale packet switch	US	Active	8422508	US 12/905,027	2010-10-14	2007-06-21	2029-03-02
9	Large-scale packet switch	US	Active	8605716	US 12/838,494	2010-07-19	2007-06-21	2030-05-07
8	Cascaded contention-free switch modules with interleaved consolidation units	US	Active	8576839	US 12/753,920	2010-04-05	2005-12-16	2028-09-23
7	Single-rotator circulating switch	US	Active	8204050	US 12/549,000	2009-08-27	2008-08-27	2030-10-16
6	Time-coherent global network	US	Active	8295698	US 12/548,466	2009-08-27	2009-08-27	2029-07-27
5	Large-scale packet switch	US	Active	7817627	US 12/119,396	2008-05-12	2007-06-21	2029-07-03
4	Large-scale packet switch	US	Active	7760716	US 12/119,377	2008-05-12	2007-06-21	2028-10-01
3	Network with a fast-switching optical core	US	Active	8050257	US 11/951,349	2007-12-06	2006-12-12	2030-08-30
2	Scalable router-switch	US	Active	7693142	US 11/611,132	2006-12-14	2005-12-16	2028-07-27
1	High-capacity data switch employing contention-free switch modules	US	Active	8223759	US 11/610,505	2006-12-14	2005-12-16	2028-08-27