

STARMESH GLOBAL™ PATENT PORTFOLIO OVERVIEW

PATENT No.	TITLE	APPLICATION No.	FILING DATE	ISSUE DATE	PRIORITY DATE
FAMILY A: "BENT PIPE"					
10,084,536	RADIO SYSTEM USING SATELLITES	15/656,111	7/21/17	9/25/18	8/25/16
10,998,962	RADIO SYSTEM USING SATELLITES	16/109,806	8/23/18	5/4/21	8/25/16
N/A	RADIO SYSTEM USING SATELLITES	17/214,821	3/27/21	N/A	8/25/16
FAMILY B: "ROTATING SATELLITES"					
N/A	RADIO SYSTEM USING NODES	PCT/US17/48110	8/23/17	N/A	8/23/17
10,447,381	RADIO SYSTEM USING NODES	16/320,106	1/24/19	10/15/19	8/25/16
11,038,586	RADIO SYSTEM USING NODES	16/574,109	9/18/19	6/15/21	8/25/16
N/A	RADIO SYSTEM USING NODES	17/317,310	5/11/21	N/A	8/25/16
FAMILY C: "STAR ANTENNA"					
10,085,200	RADIO SYSTEM USING NODES WITH HIGH GAIN ANTENNAS	15/719,611	9/29/17	9/25/18	9/29/17
N/A	RADIO SYSTEM USING NODES WITH HIGH GAIN ANTENNAS	PCT/US18/53002	9/27/18	N/A	9/29/17
10,791,493	RADIO SYSTEM USING NODES WITH HIGH GAIN ANTENNAS	16/110,538	8/23/18	9/29/20	9/29/17
11,356,921	RADIO SYSTEM USING NODES WITH HIGH GAIN ANTENNAS	17/000,292	8/22/20	6/7/22	9/29/17
N/A	RADIO SYSTEM USING NODES WITH HIGH GAIN ANTENNAS	17/752,912	5/25/22	N/A	9/29/17
FAMILY D: "ROUTES BY ORBITAL KNOWLEDGE"					
10,291,316	DATA TRANSMISSION SYSTEMS AND METHODS USING SATELLITE-TO-SATELLITE RADIO LINKS	16/034,413	7/13/18	5/14/19	12/11/17
N/A	DATA TRANSMISSION SYSTEMS AND METHODS USING SATELLITE-TO-SATELLITE RADIO LINKS	PCT/US18/64041	12/5/18	N/A	12/11/17
10,784,953	DATA TRANSMISSION SYSTEMS AND METHODS USING SATELLITE-TO-SATELLITE RADIO LINKS	16/252,877	1/21/19	9/22/20	12/11/17
11,206,079	DATA TRANSMISSION SYSTEMS AND METHODS USING SATELLITE-TO-SATELLITE RADIO LINKS	16/997,973	8/20/20	12/21/21	12/11/17
N/A	DATA TRANSMISSION SYSTEMS AND METHODS USING SATELLITE-TO-SATELLITE RADIO LINKS	17/540,470	12/2/21	N/A	12/11/17
FAMILY E: "ROUTING ALGORITHMS FOR STOCHASTIC-ORBIT SATELLITES"					
N/A	COMMUNICATIONS SYSTEMS AND METHODS WITH STOCHASTICALLY DISTRIBUTED ORBITING SATELLITES	PCT/US19/41428	7/11/19	N/A	7/12/18
10,979,136	COMMUNICATIONS SYSTEMS AND METHODS WITH STOCHASTICALLY DISTRIBUTED ORBITING SATELLITES	16/955,451	6/18/20	4/13/21	7/12/18
N/A	COMMUNICATIONS SYSTEMS AND METHODS WITH STOCHASTICALLY DISTRIBUTED ORBITING SATELLITES	17/203,789	3/17/21	N/A	7/12/18
FAMILY F: "DATA TRANSMISSION DIVERSITY"					
N/A	DATA TRANSMISSION SYSTEMS AND METHODS FOR LOW EARTH ORBIT SATELLITE COMMUNICATIONS	17/322,950	5/18/21	N/A	5/18/20

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FAMILY G: "AERODYNAMIC LEO AND VLEO SATELLITES"					
N/A	DATA TRANSMISSION SYSTEMS AND METHODS FOR LOW AND VERY LOW EARTH ORBIT SATELLITE COMMUNICATIONS	17/367,663	7/6/21	N/A	7/10/20
N/A	DATA TRANSMISSION SYSTEMS AND METHODS FOR LOW AND VERY LOW EARTH ORBIT SATELLITE COMMUNICATIONS	PCT /US21/40408	7/6/21	N/A	7/10/20
FAMILY H: "CONNECTING MOVING USERS VIA SATELLITES"					
N/A	SATELLITE MESH SYSTEMS AND METHODS FOR CREATING RADIO ROUTES BETWEEN MOVING USERS	17/539,236	12/1/21	N/A	12/2/20
FAMILY I: "WORLDWIDE COMMUNICATIONS USING DRONES AND SATELLITES"					
N/A	SYSTEMS AND METHODS FOR CREATING RADIO ROUTES AND TRANSMITTING DATA VIA ORBITING AND NON ORBITING NODES	17/539,240	12/1/21	N/A	12/2/20

NOTES:

Foreign filings of Patent Families B, C, and D cover multiple jurisdictions, including group filings in the European Patent Office (covering all EU countries).