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AANM/AREVO: 36 patents.

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PAT. NO.	Title
1 10,800,095	Localized heating to improve interlayer bonding in 3D printing
2 10,787,757	Tailored fiber placement utilizing functional thread
3 10,782,673	System and method for additive manufacturing with layer-by-layer curing
4 10,780,621	Quick-change fused filament fabrication nozzle assembly
5 10,780,507	Embedding fiducial marks into articles of manufacture with non-trivial dimensional variations
6 10,703,042	Systems for additive manufacturing using feedstock shaping
7 10,696,512	Filament accumulator or tensioning assembly
8 10,695,844	Registration of articles of manufacture with dimensional variations
9 10,611,079	Quadrilateral sparse infill made of linear segments of filament
10 10,589,360	Systems of articles of manufacture with corresponding fiducial marks and dimensional variations
11 10,569,474	Free-space 3D printer
12 10,556,382	Method and a system to optimize printing parameters in additive manufacturing process
13 10,543,646	Structural sewing and overmolding
14 10,538,035	Consumable scaffold for 3D printing of high-tensile-strength materials
15 10,495,239	Duct fabricated with additive manufacturing from a run of material in the form of one or more spirals
16 10,428,977	Duct fabricated with additive manufacturing and having one or more curves
17 10,421,267	Method to monitor additive manufacturing process for detection and in-situ correction of defects
18 10,415,898	Liquid-cooled fused filament fabrication nozzle
19 10,391,710	Deposition of non-uniform non-overlapping curvilinear segments of anisotropic filament to form non-uniform layers
20 10,364,341	Method and apparatus for 3d printing of nano-filler/polymer composites
21 10,363,704	Systems and methods for determining tool paths in three-dimensional printing
22 10,290,091	Filament inspection system
23 10,252,350	Fiducial marks for articles of manufacture with non-trivial dimensional variations
24 10,239,257	Depositing portions of fiber-reinforced thermoplastic filament while alleviating torsional forces

- 25 [10,195,786](#)  [Filament heating in 3D printing systems](#)
 - 26 [10,077,854](#)  [Duct fabricated with additive manufacturing](#)
 - 27 [10,076,870](#)  [Filament guide](#)
 - 28 [10,067,499](#)  [System and method for additive manufacturing of thermoset polymers](#)
 - 29 [10,052,813](#)  [Method for additive manufacturing using filament shaping](#)
 - 30 [10,046,511](#)  [Alleviating torsional forces on fiber-reinforced thermoplastic filament](#)
 - 31 [10,041,612](#)  [Curvilinear duct fabricated with additive manufacturing](#)
 - 32 [10,011,073](#)  [Reinforced fused-deposition modeling](#)
 - 33 [9,908,978](#)  [Method to manufacture polymer composite materials with nano-fillers for use in additive manufacturing to improve material properties](#)
 - 34 [9,895,845](#)  [Method and a system to optimize printing parameters in additive manufacturing process](#)
 - 35 [9,656,429](#)  [Systems and methods for structurally analyzing and printing parts](#)
 - 36 [9,592,660](#)  [Heated build platform and system for three dimensional printing methods](#)
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