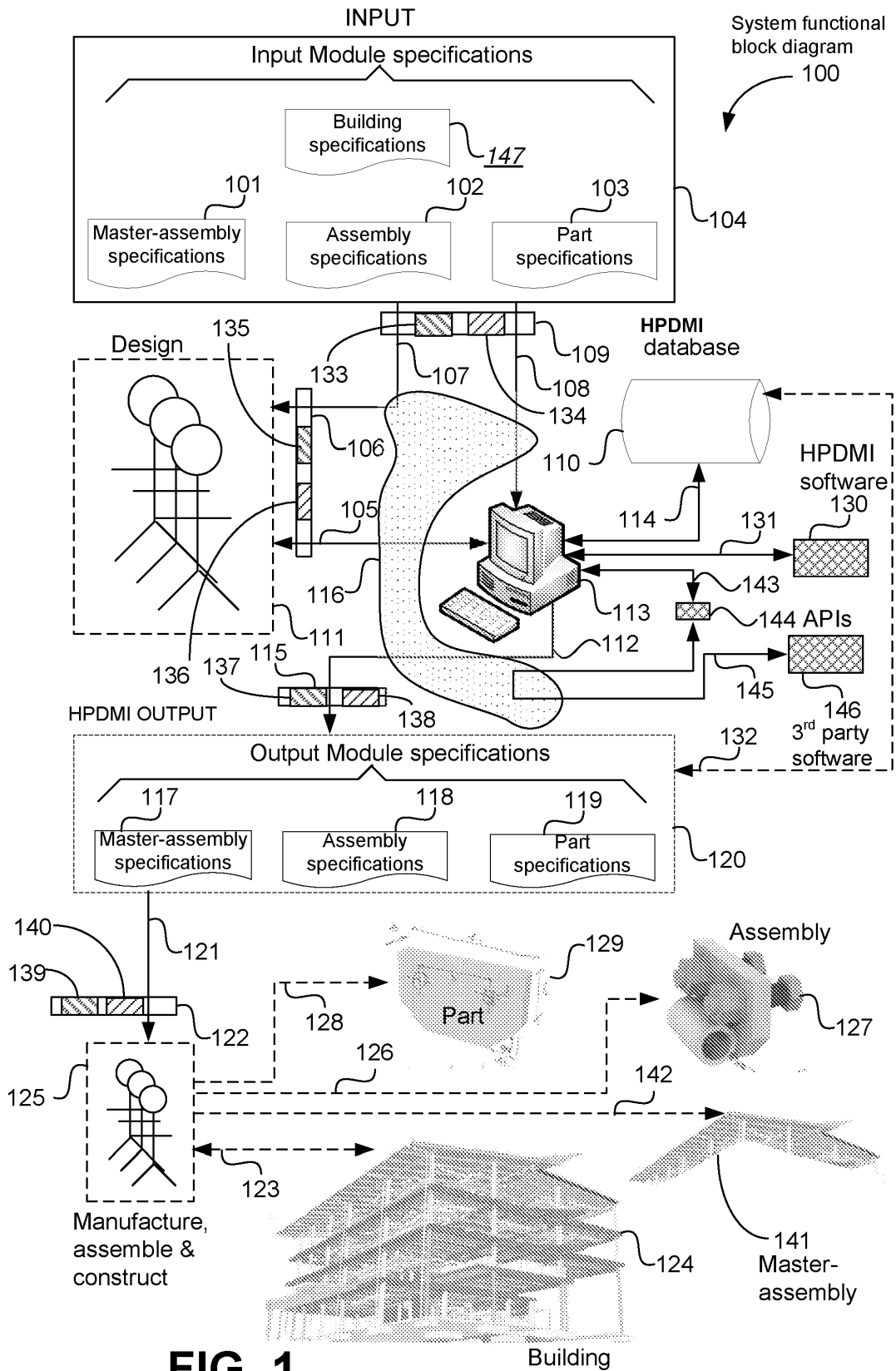




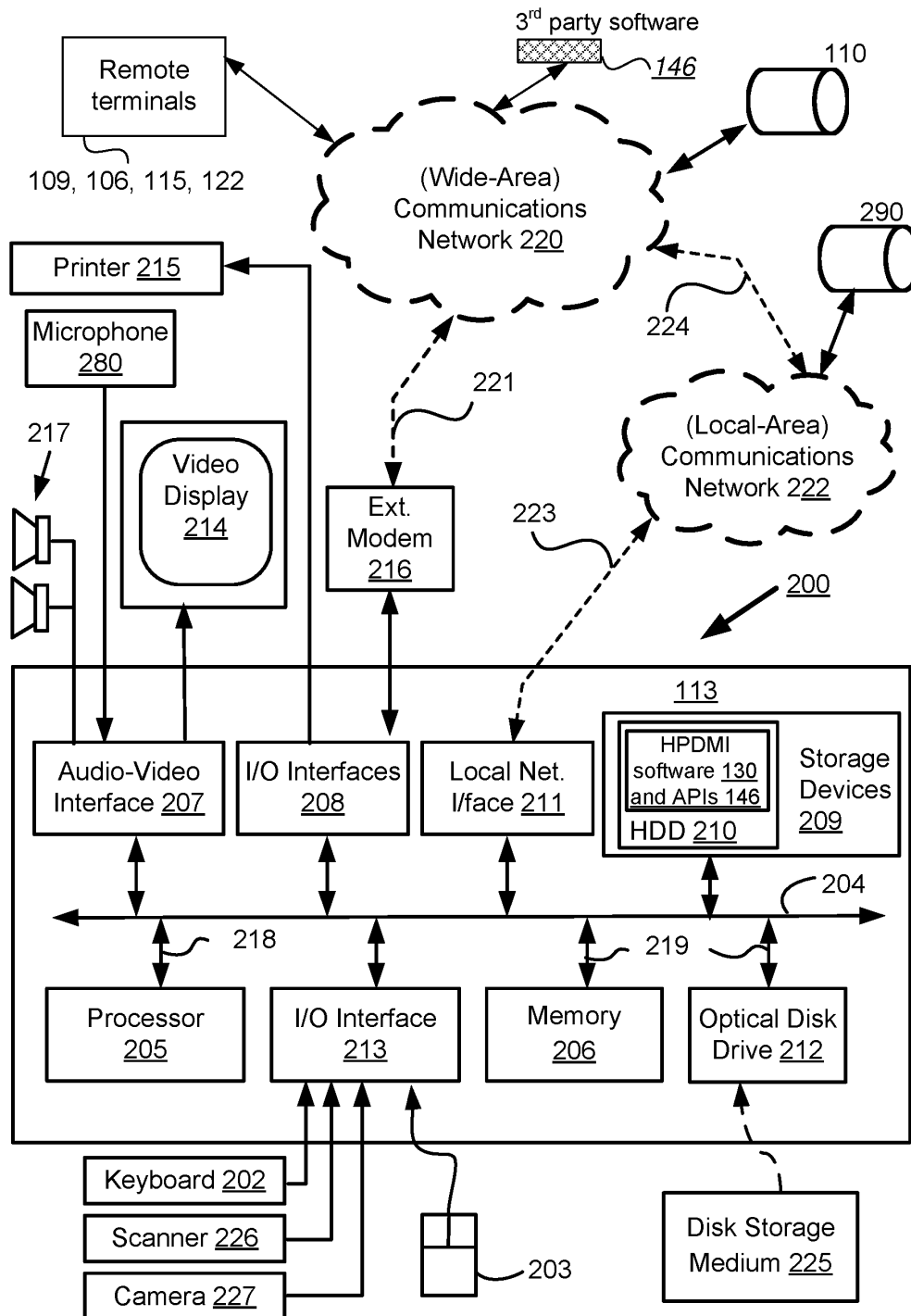
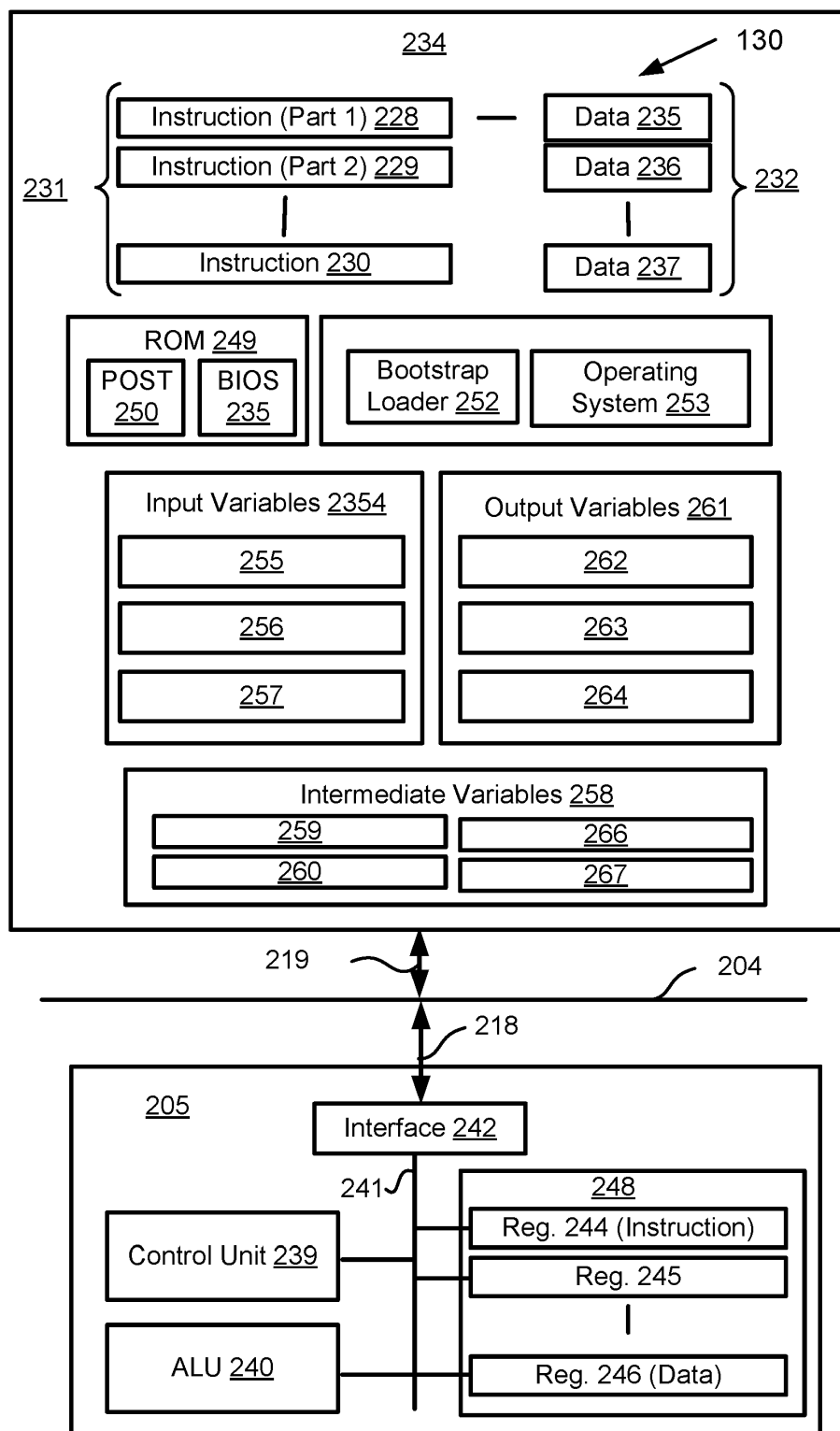


FIG. 2A

**FIG. 2B**

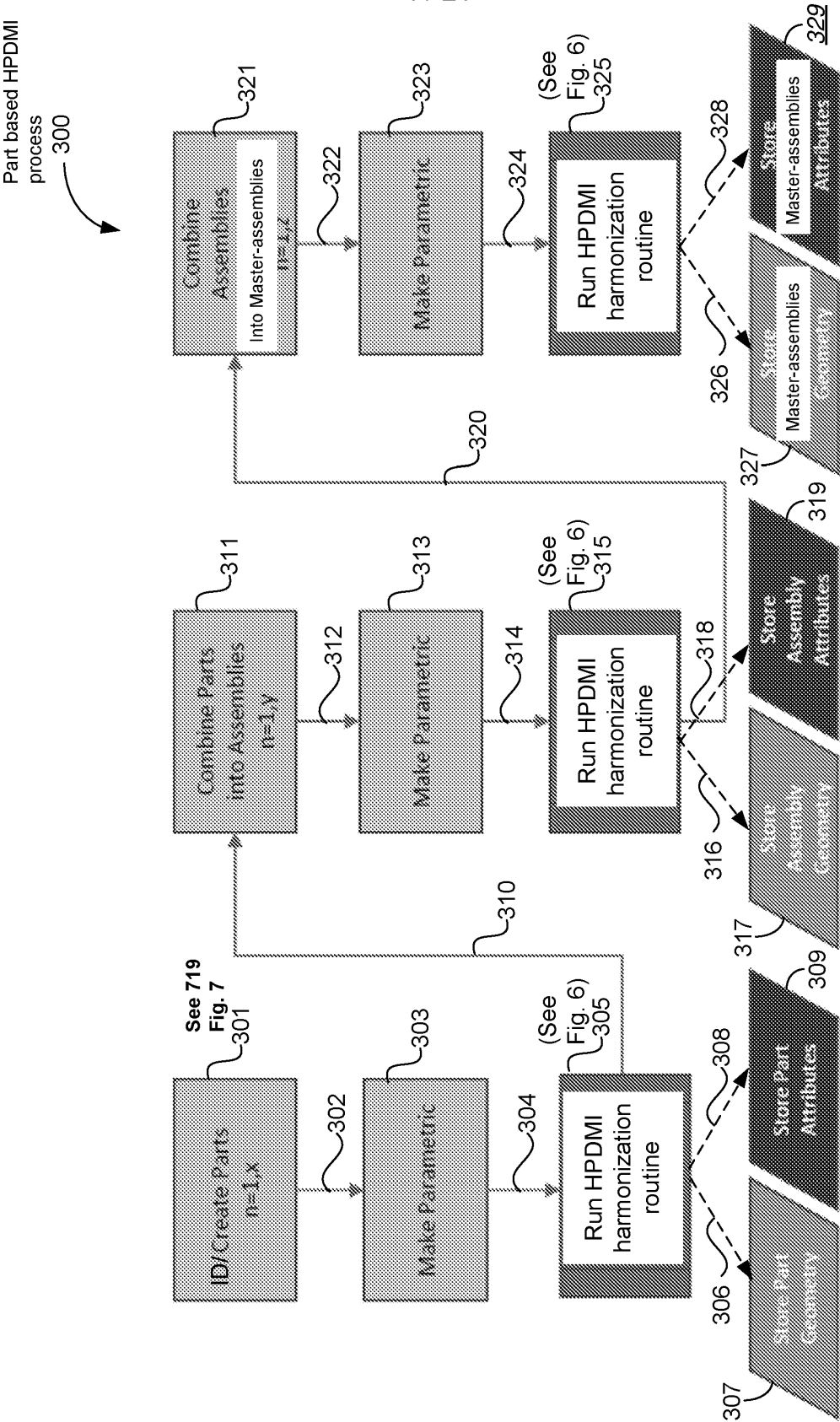


FIG. 3

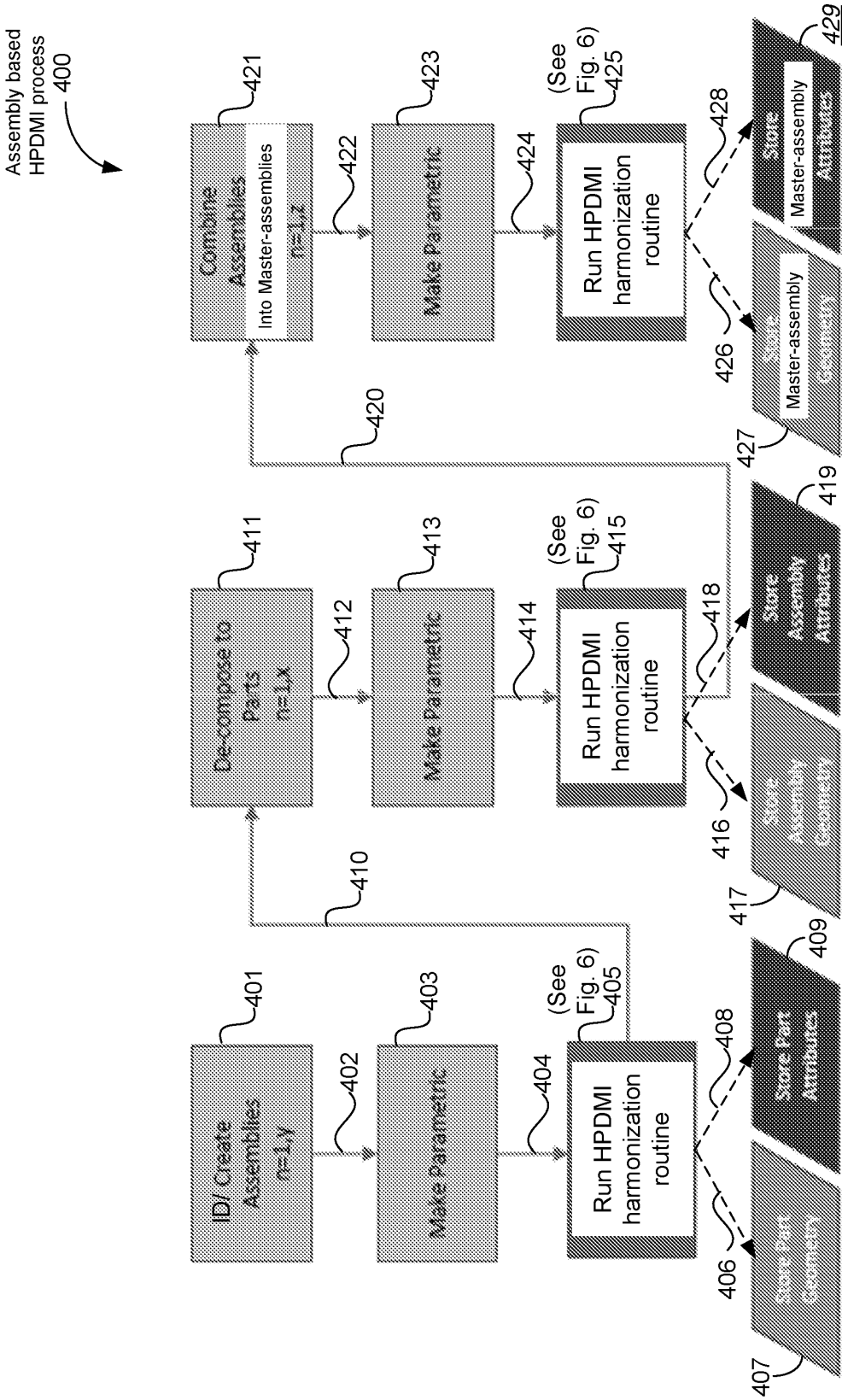


FIG. 4

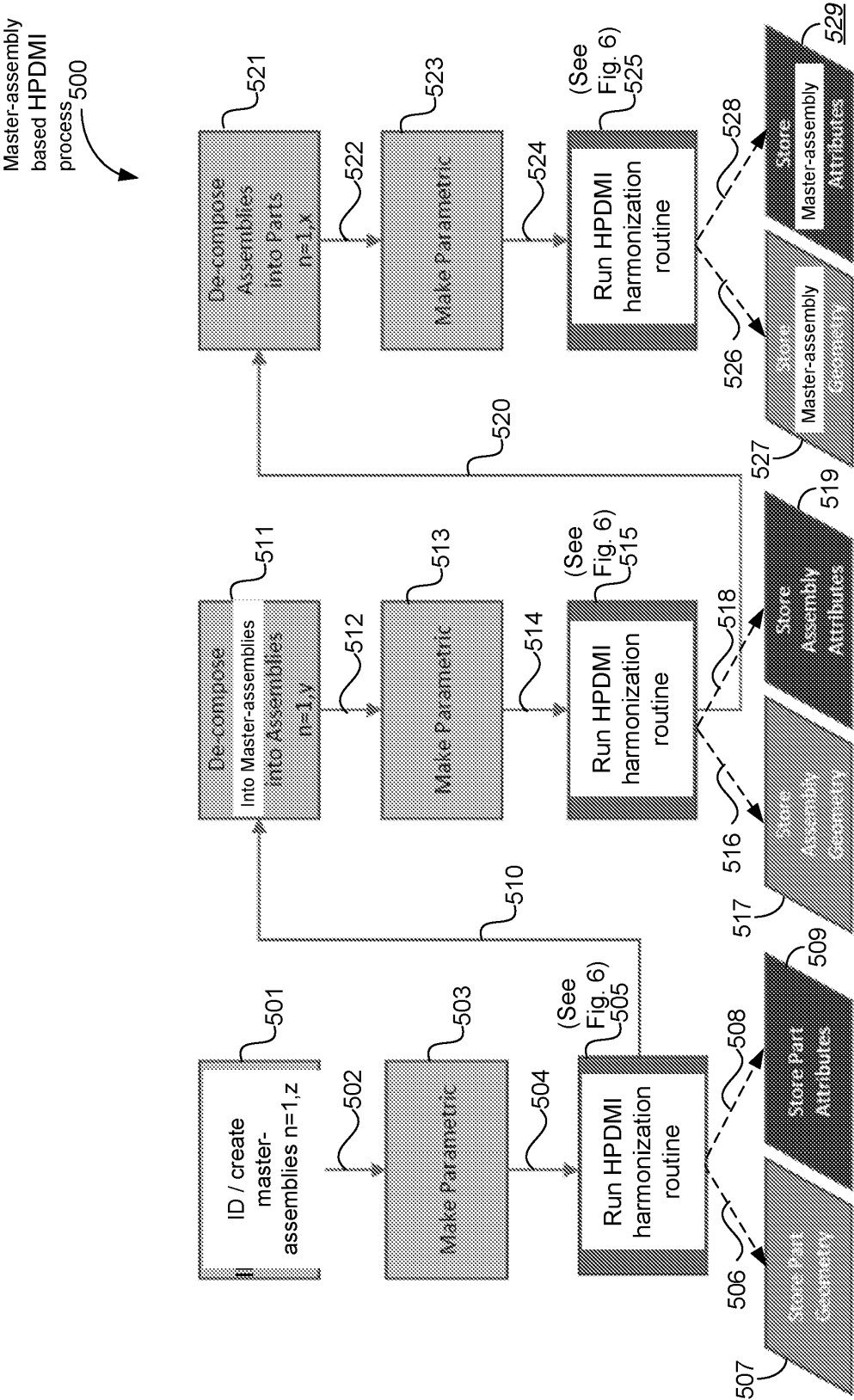


FIG. 5

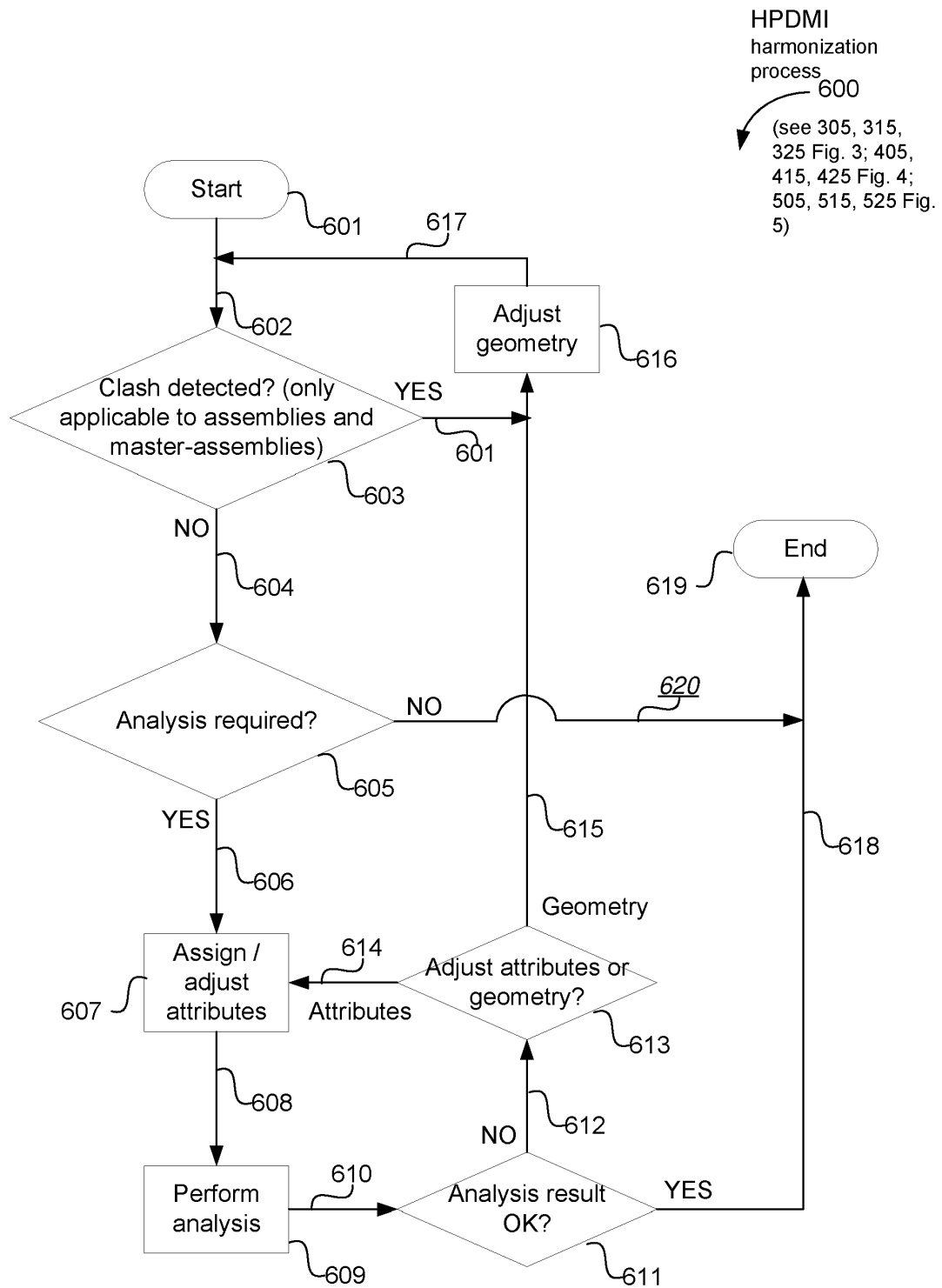


FIG. 6

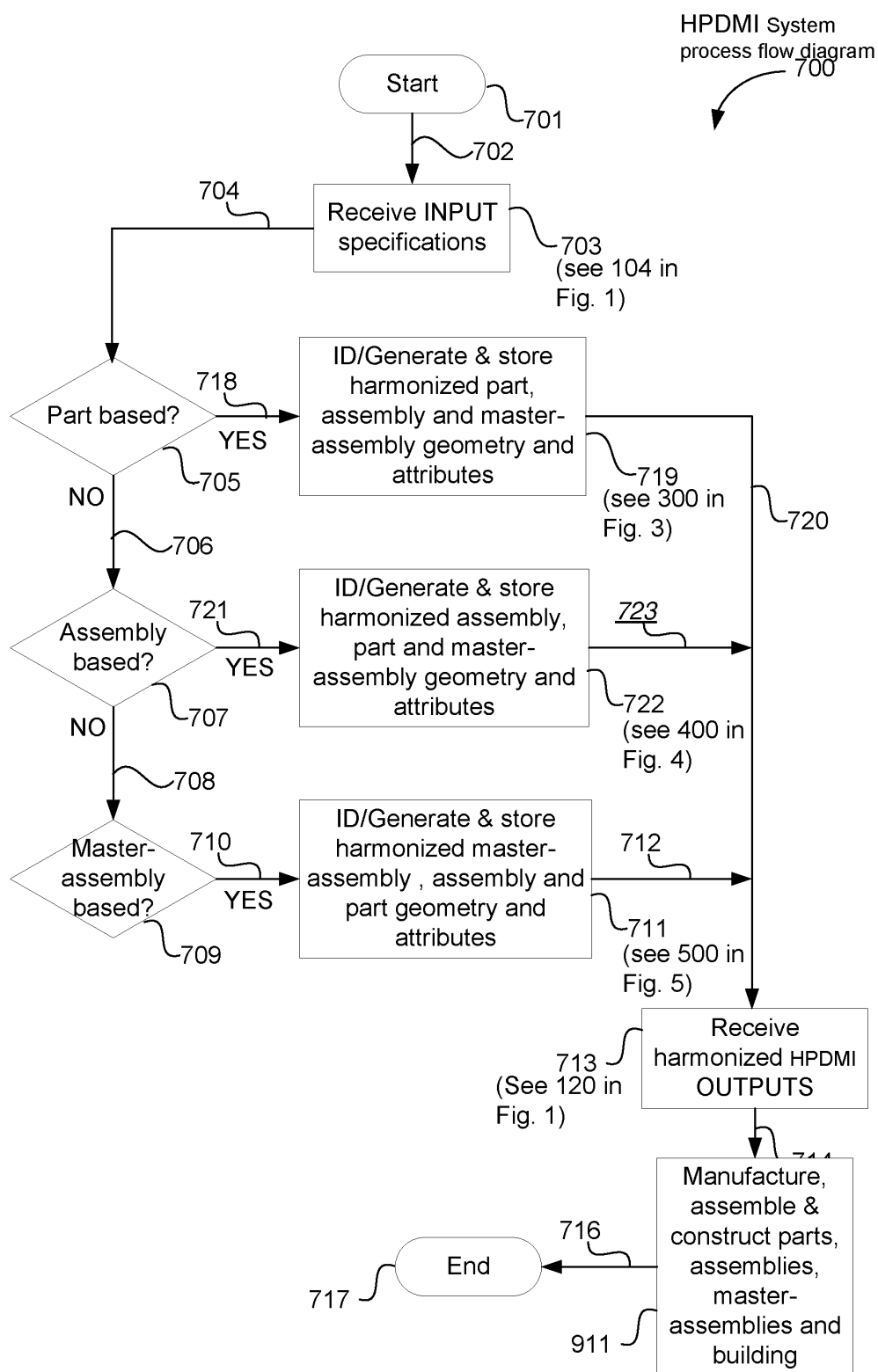


FIG. 7

Illustration of an
HPDMI example
800

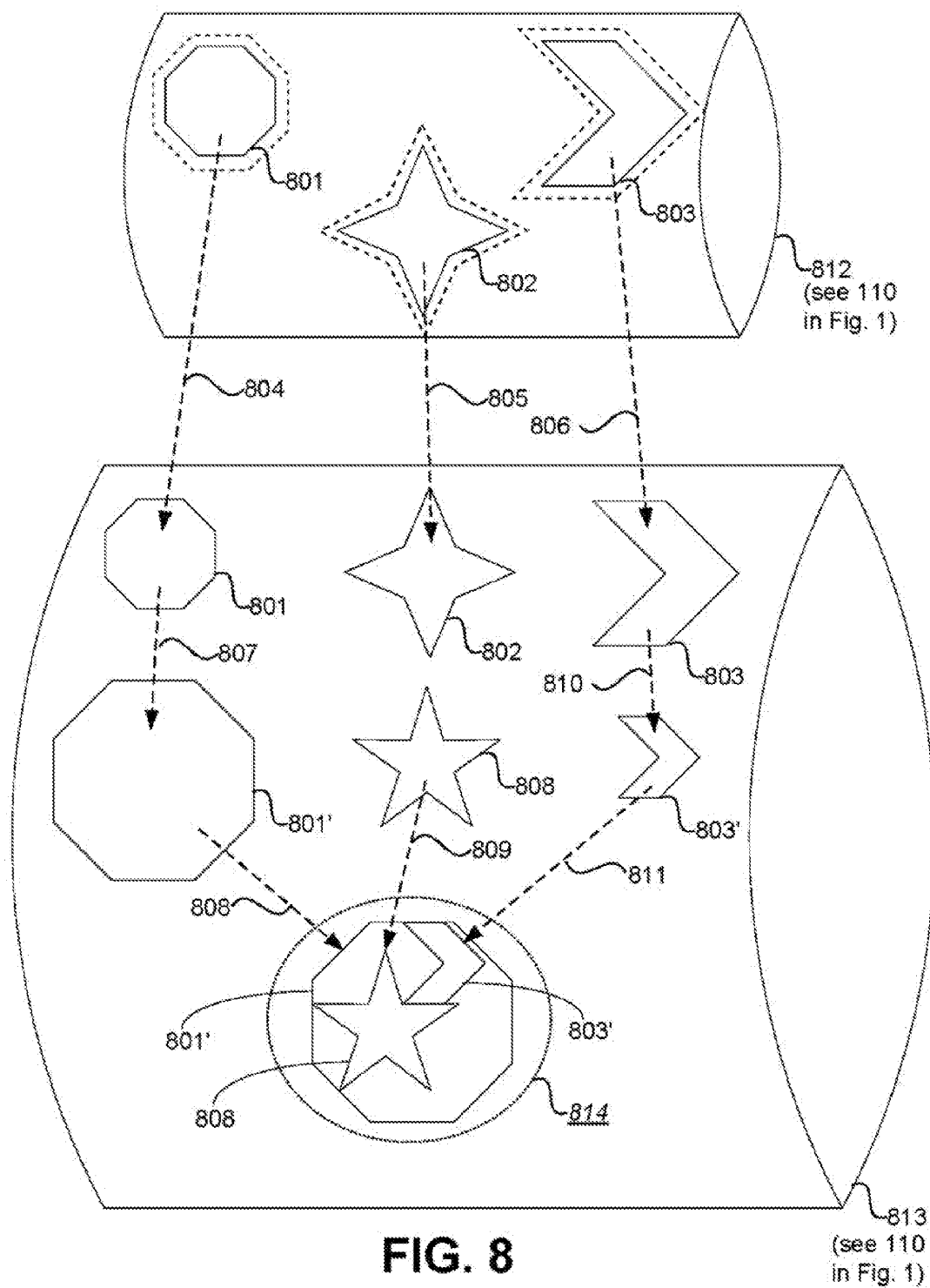


FIG. 8

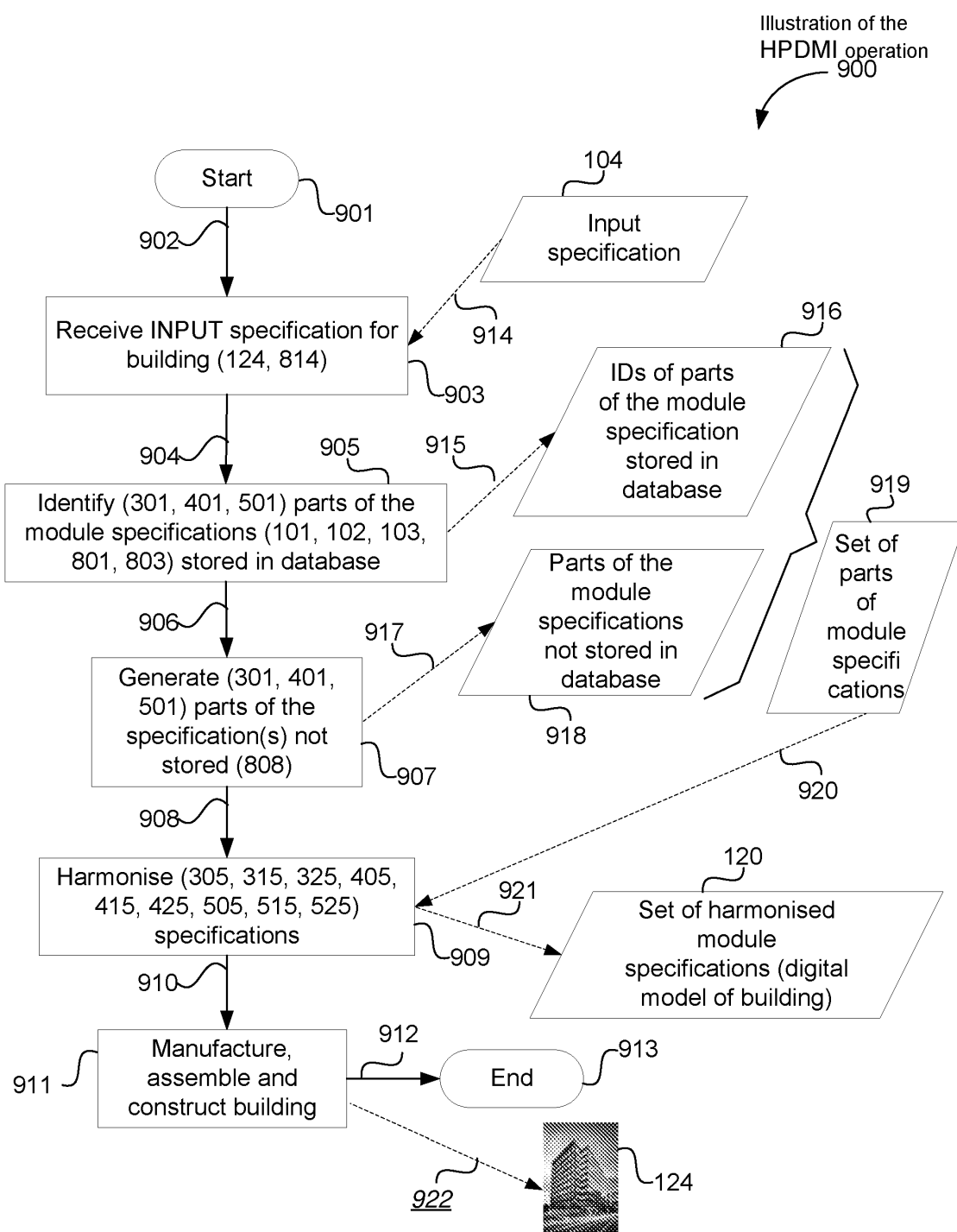


FIG. 9

1000

1001

Part Geometry

Part Name	Material File	Manufacture File
Cable Guide	cap1.3dm	cap1.gh
Kitchen top	ktp.3dm	ktp.gh

1002

Part Attributes

Structural Model	Code Compliance	Strength Rating	Compliance Certificate	Material Finish	Working Annotations	Assembly Preparation	Cost
Null	Null	Null	kpc.pdf	kpmf.pdf	Null	kpa2.pdf	1000.00

1003

FIG. 10

1100

1101

Assembly Geometry

Assembly Name	Dimensions	Grasping File
Rectangular Tray	rt1.3dm	rt1.gh
Kitchen	k1.3dm	k1.gh

1103

1102

Part and Assembly Attributes

Structural Model	Structural Compliance	Assembly Context	Contract Status	Structural Certification	Fire Certification	Acoustic Certification	Material Finish	Assembly Specification	Cost
Mat	Null	k1ac.pdf	k1.gh	k1sc.pdf	k1fc.pdf	k1ac.pdf	k1mf.pdf	k1as.pdf	80000.00

FIG. 11

1200

1201

Project Geometry

Project Name	Point File	Crashpoint File
Marion Street	ms_3dm	ms_gh

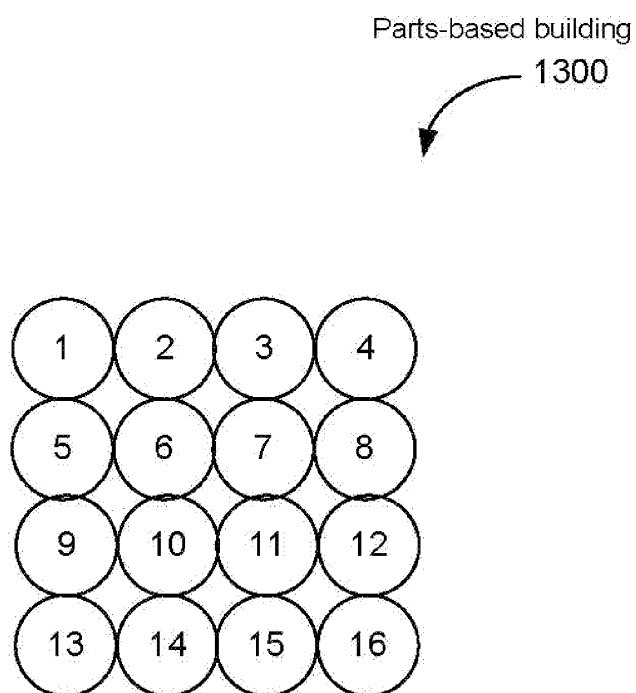
1203

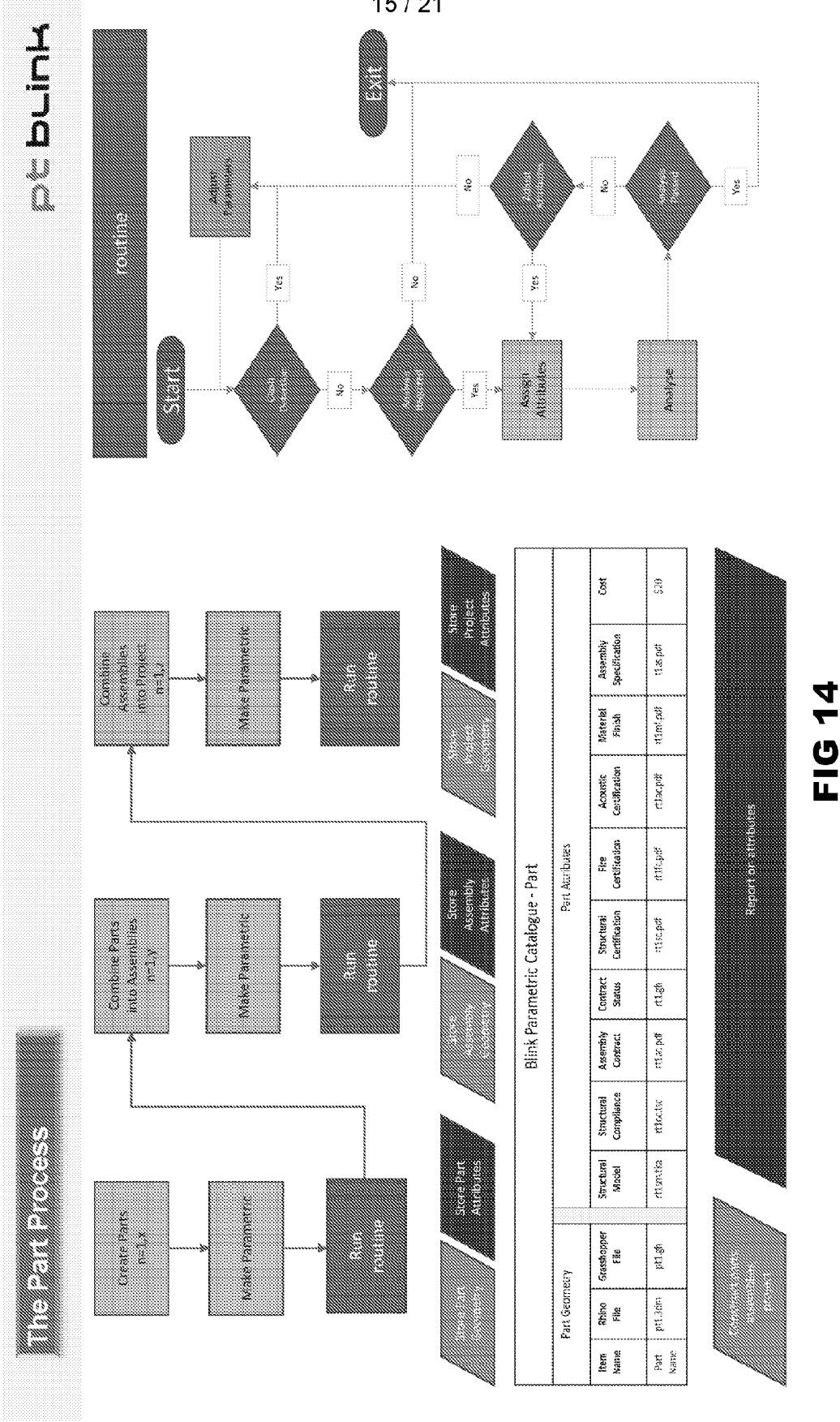
1202

Part, Assembly and Project Attributes

Structural Model	Costs Compliance	File Certification	Acoustic Certification	Project Sequencing	Warranty Certificate	Exhaust Certificate	Lift Specification	Assembly Specification	Cost
ms_5m_1ka	ms_cc_1ka	tc.pdf	ac.pdf	ms_prj	wc.pdf	tc.pdf	wc.pdf	ac.pdf	20000000.00

FIG. 12

**FIG. 13**



Combine Parts into Project

Report on attributes

FIG 14

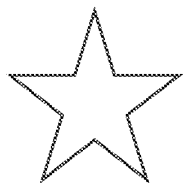


FIG. 15A

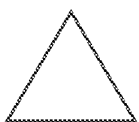


FIG. 15B

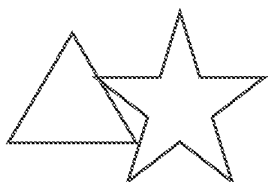


FIG. 15C

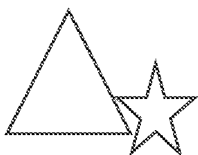


FIG. 15D

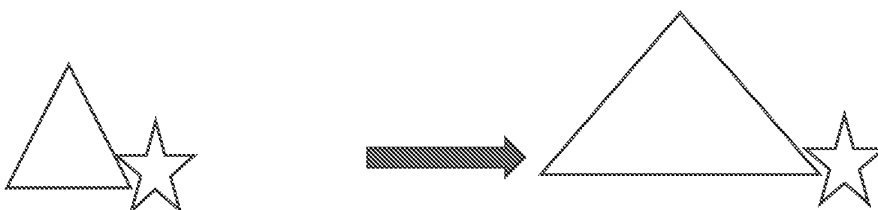


FIG. 15E

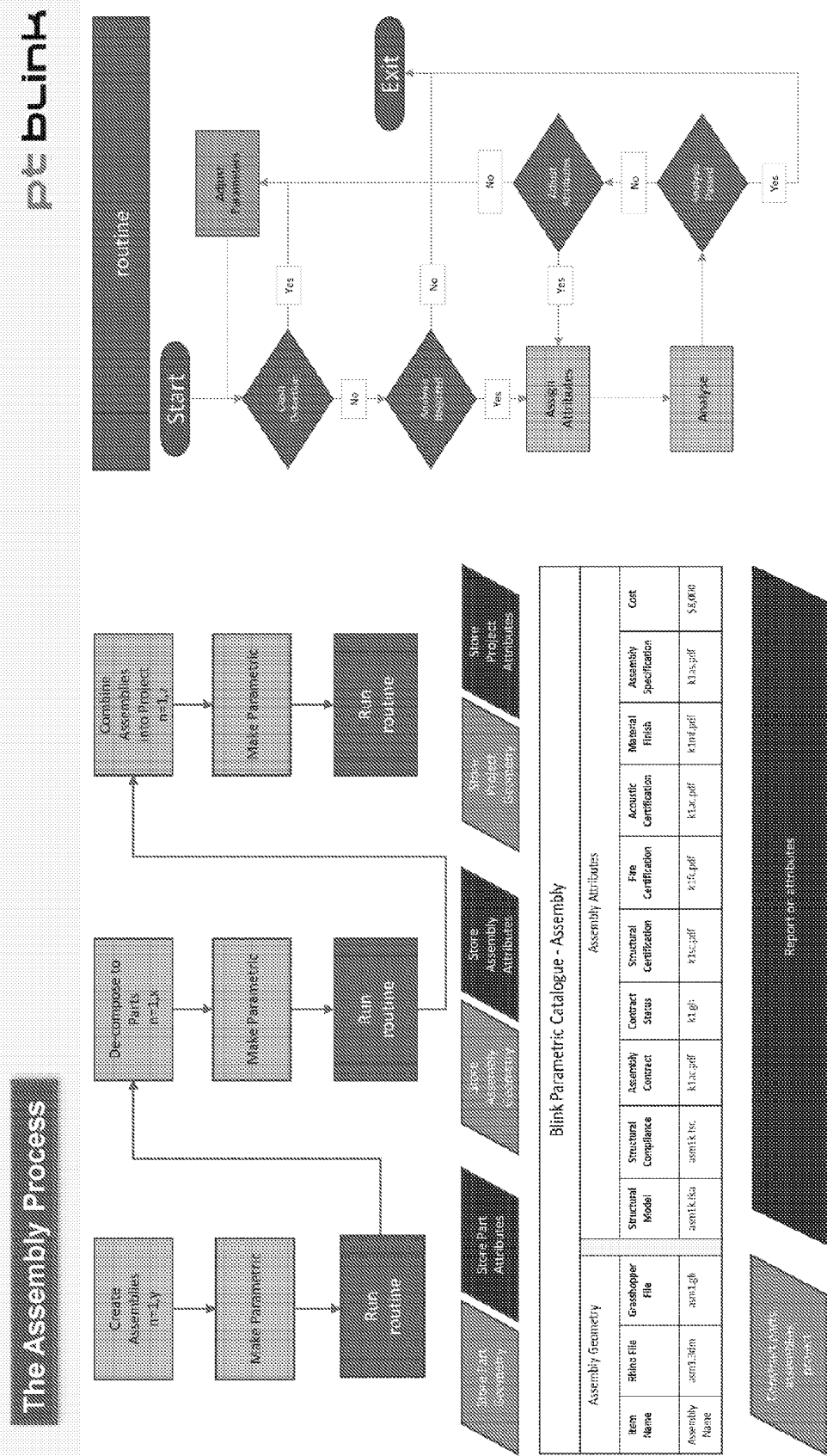


FIG 16

18 / 21

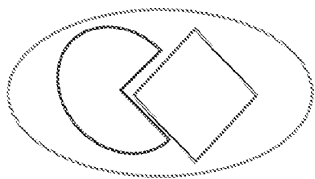


FIG. 17A

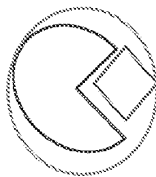


FIG. 17B



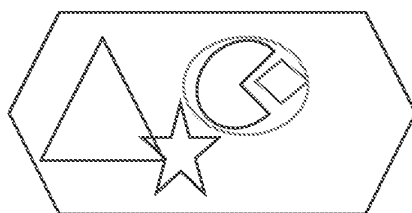


FIG. 19

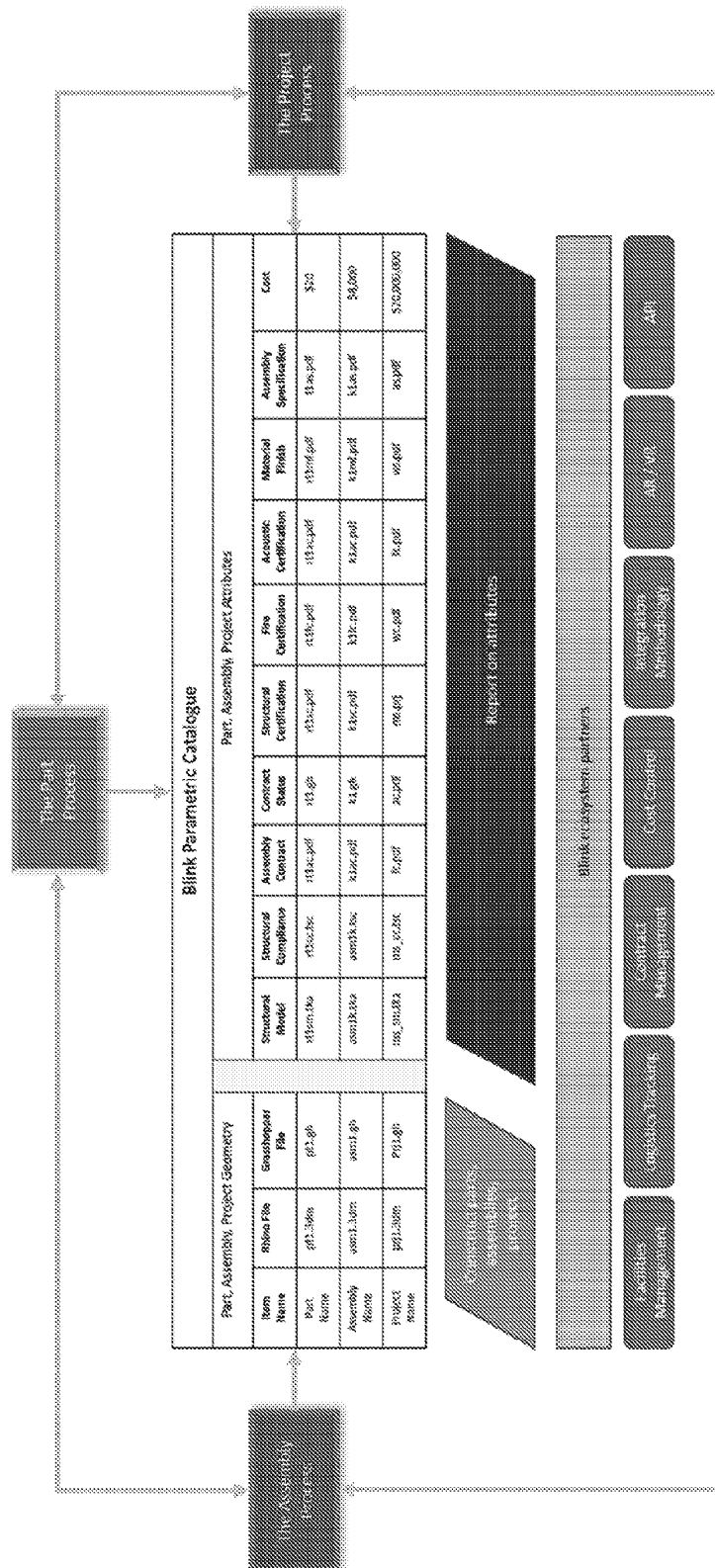


FIG. 20