

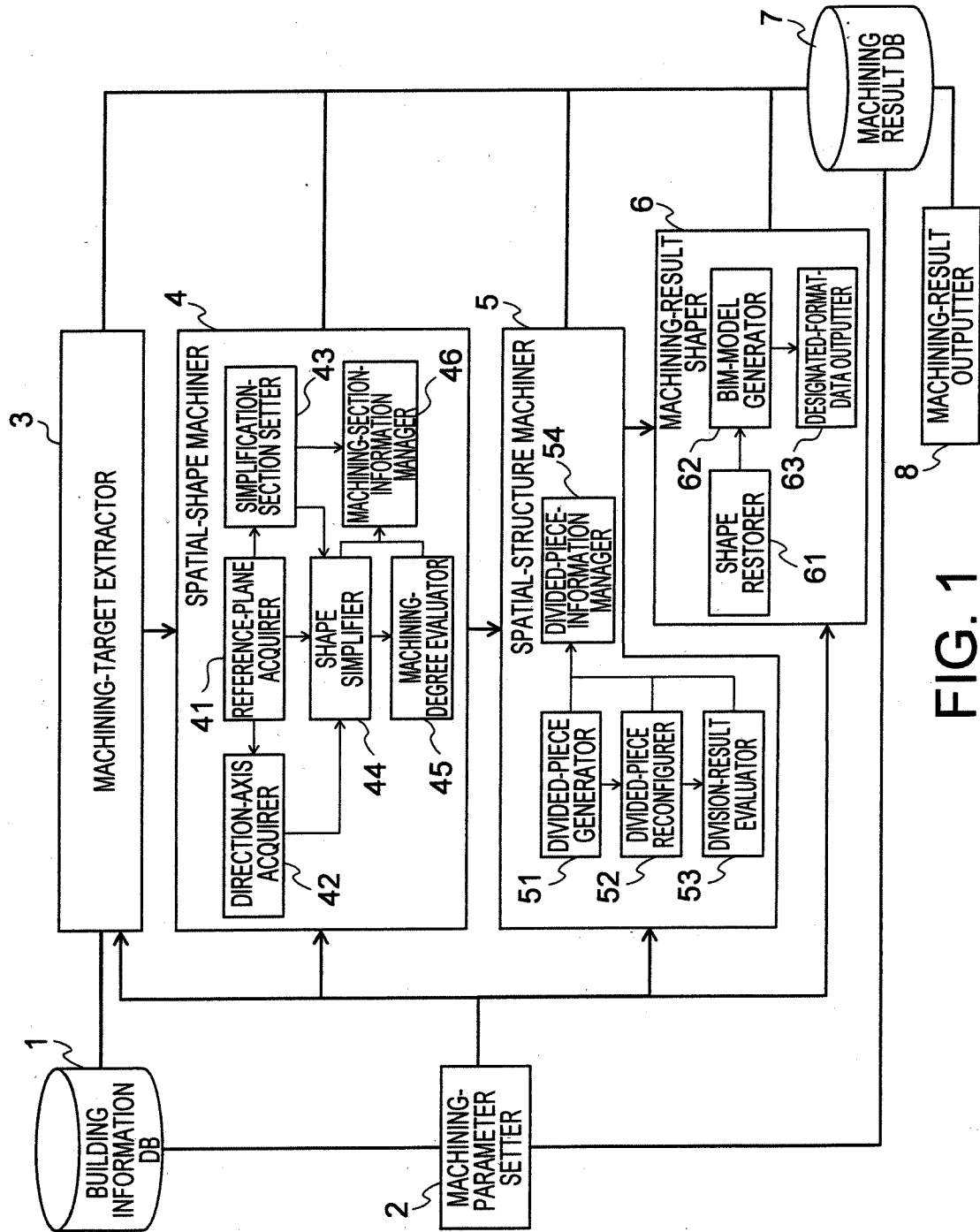


FIG. 1

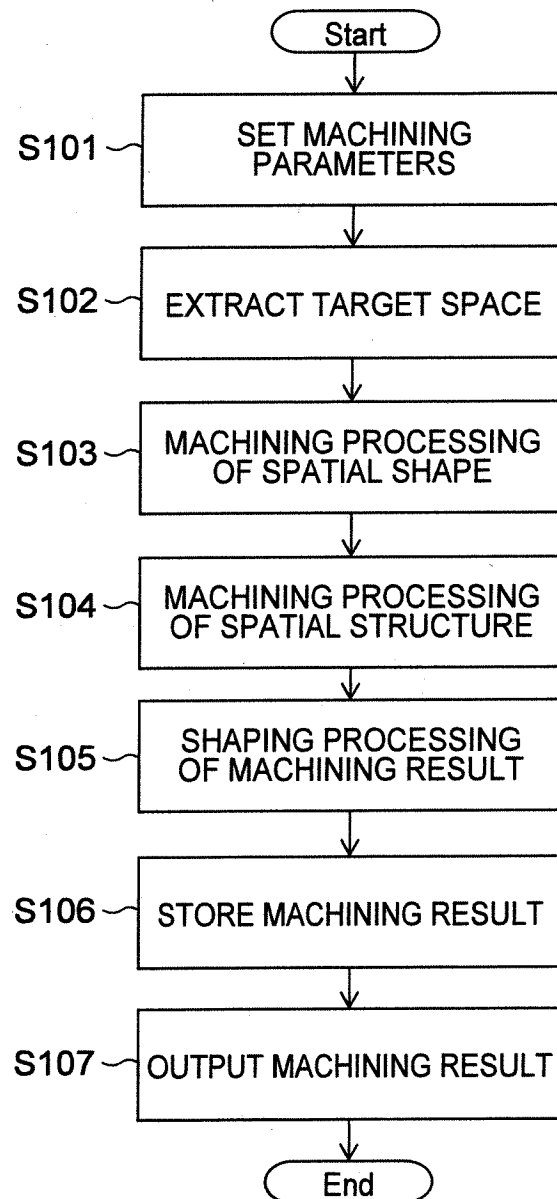


FIG. 2

<p>SELECTION OF TARGET SPACE</p> <p>• FLOOR <input style="float: right; text-align: right; border: none; border-bottom: 1px solid black; margin-right: 5px;" type="text"/> ▲ □ ▼</p> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> SELECT ALL RELEASE ALL </div> <div style="border: 1px solid black; height: 150px; width: 100%; margin-top: 10px; position: relative;"> <div style="position: absolute; top: -15px; right: 0; border: none; border-bottom: 1px solid black; margin-right: 5px;">▲</div> <div style="position: absolute; bottom: -15px; right: 0; border: none; border-bottom: 1px solid black; margin-right: 5px;">▼</div> </div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> SELECT ALL RELEASE ALL </div> <p>SELECTION CONDITION</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;"></th> <th style="width: 30%; text-align: center;">LOWER LIMIT VALUE</th> <th style="width: 5%; text-align: center;">~</th> <th style="width: 30%; text-align: center;">UPPER LIMIT VALUE</th> <th style="width: 20%;"></th> </tr> </thead> <tbody> <tr> <td>• AREA</td> <td><input style="width: 60px;" type="text"/></td> <td style="text-align: center;">~</td> <td><input style="width: 60px;" type="text"/></td> <td></td> </tr> <tr> <td>• NAME</td> <td colspan="4"><input style="width: 180px;" type="text"/></td> </tr> <tr> <td>• USE</td> <td colspan="4"><input style="border-bottom: 1px solid black;" type="text"/> ▼</td> </tr> <tr> <td>• STATE</td> <td colspan="4"><input style="border-bottom: 1px solid black;" type="text"/> ▼</td> </tr> <tr> <td colspan="5"><hr/></td> </tr> <tr> <td>• ADJACENCY</td> <td colspan="4"><input style="width: 60px;" type="text"/></td> </tr> <tr> <td>• RANGE</td> <td colspan="4"><input style="width: 60px;" type="text"/></td> </tr> <tr> <td></td> <td colspan="4" style="text-align: center;"> ☒ INCLUDED ☐ PART </td> </tr> <tr> <td>• SIMILARITY</td> <td colspan="2"><input style="border-bottom: 1px solid black;" type="text"/> (SHAPE) ▼</td> <td colspan="2"><input style="border-bottom: 1px solid black;" type="text"/> (STRUCTURE) ▼</td> </tr> </tbody> </table> <div style="text-align: center; margin-top: 10px;"> APPLY </div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="text-align: center;"> ☒ AND ☒ 2D </div> <div style="text-align: center;"> ☐ OR ☐ 3D </div> </div>		LOWER LIMIT VALUE	~	UPPER LIMIT VALUE		• AREA	<input style="width: 60px;" type="text"/>	~	<input style="width: 60px;" type="text"/>		• NAME	<input style="width: 180px;" type="text"/>				• USE	<input style="border-bottom: 1px solid black;" type="text"/> ▼				• STATE	<input style="border-bottom: 1px solid black;" type="text"/> ▼				<hr/>					• ADJACENCY	<input style="width: 60px;" type="text"/>				• RANGE	<input style="width: 60px;" type="text"/>					☒ INCLUDED ☐ PART				• SIMILARITY	<input style="border-bottom: 1px solid black;" type="text"/> (SHAPE) ▼		<input style="border-bottom: 1px solid black;" type="text"/> (STRUCTURE) ▼		<p>SHAPE MACHINING</p> <p>• DIRECTION REFERENCE <input style="float: right; text-align: right; border: none; border-bottom: 1px solid black; margin-right: 5px;" type="text"/> ▲ □ ▼</p> <p>• OMISSION TARGET <input style="float: right; text-align: right; border: none; border-bottom: 1px solid black; margin-right: 5px;" type="text"/> ▲ □ ▼</p> <p>• SHORT-CIRCUIT DISTANCE <input style="width: 80px;" type="text"/></p> <p>• MACHINING RATIO <input style="width: 80px;" type="text"/></p> <p>• SHAPE RESTORATION <input style="border-bottom: 1px solid black;" type="text"/> ▼</p> <p>ZONING</p> <p>• DIVISION REFERENCE <input style="border-bottom: 1px solid black;" type="text"/> ▼</p> <p>• ADOPTION REFERENCE <input style="border-bottom: 1px solid black;" type="text"/> ▲ □ ▼</p> <p>• MAXIMUM AREA <input style="width: 80px;" type="text"/></p> <p>• MAXIMUM INTERVAL COEFFICIENT <input style="border-bottom: 1px solid black;" type="text"/> (NUMBER OF ELEMENTS) ▼</p> <p>• SUBDIVIDING METHOD REFERENCE <input style="border-bottom: 1px solid black;" type="text"/> (AREA) ▼</p> <p>• AGGREGATING METHOD <input style="border-bottom: 1px solid black;" type="text"/> ▼</p> <p>• SITUATION CONSIDERATION <input style="border-bottom: 1px solid black;" type="text"/> ▼</p> <p>EXECUTION POINT</p> <p>• ERROR ALLOWANCE <input style="border-bottom: 1px solid black;" type="text"/> (LEVEL)</p> <p>OUTPUT POINT</p> <p>• SPACE HEIGHT <input style="border-bottom: 1px solid black;" type="text"/> ▼</p> <p>• SCHEMER</p> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <div> ☐ IFC ☐ gbXML ☐ MQTT </div> <div> ☐ ifcXML ☐ COBie </div> </div>
	LOWER LIMIT VALUE	~	UPPER LIMIT VALUE																																																
• AREA	<input style="width: 60px;" type="text"/>	~	<input style="width: 60px;" type="text"/>																																																
• NAME	<input style="width: 180px;" type="text"/>																																																		
• USE	<input style="border-bottom: 1px solid black;" type="text"/> ▼																																																		
• STATE	<input style="border-bottom: 1px solid black;" type="text"/> ▼																																																		
<hr/>																																																			
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• RANGE	<input style="width: 60px;" type="text"/>																																																		
	☒ INCLUDED ☐ PART																																																		
• SIMILARITY	<input style="border-bottom: 1px solid black;" type="text"/> (SHAPE) ▼		<input style="border-bottom: 1px solid black;" type="text"/> (STRUCTURE) ▼																																																

CANCEL
EXECUTE

FIG. 3

— SURFACE OF DESIGNATED ELEMENT (E.G., COLUMN)
 - - - SURFACE OTHER THAN DESIGNATED ELEMENT

FIG. 4A

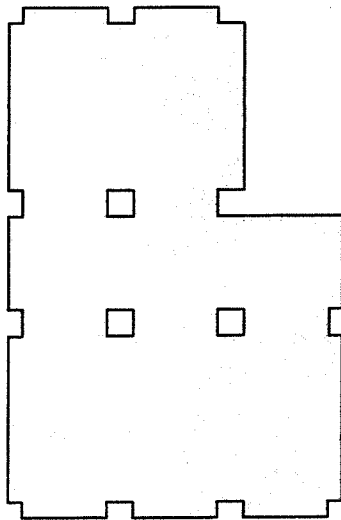


FIG. 4B

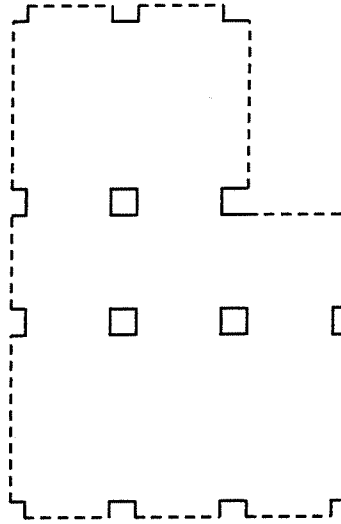


FIG. 4C

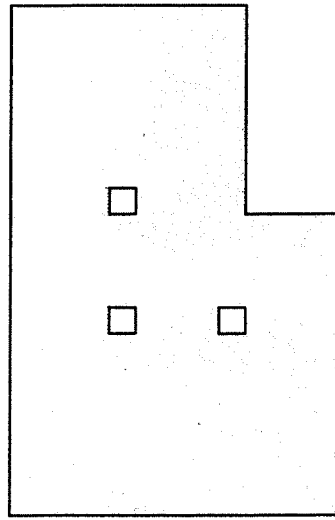


FIG. 4D

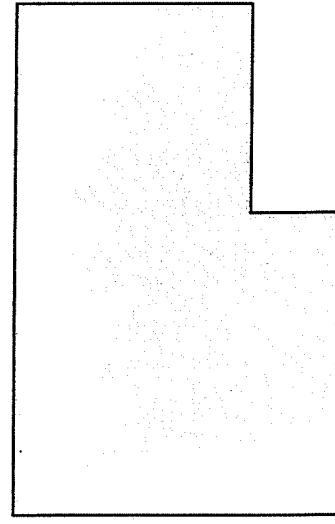


FIG. 5A

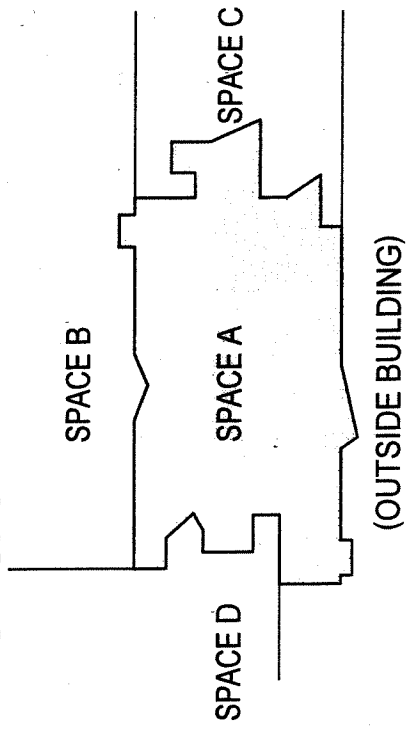


FIG. 5B

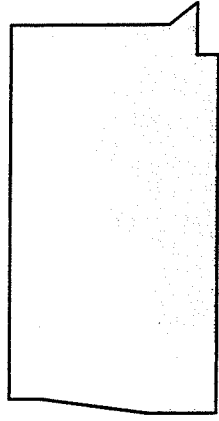


FIG. 5C

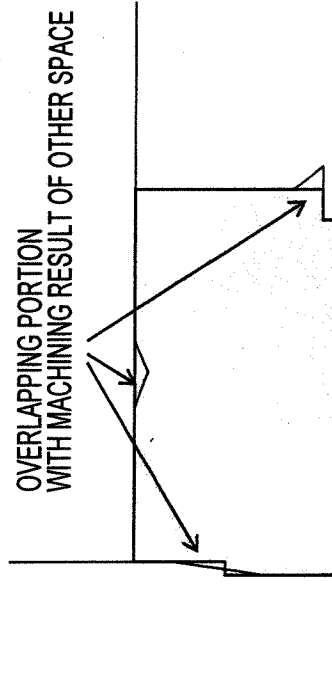


FIG. 5D



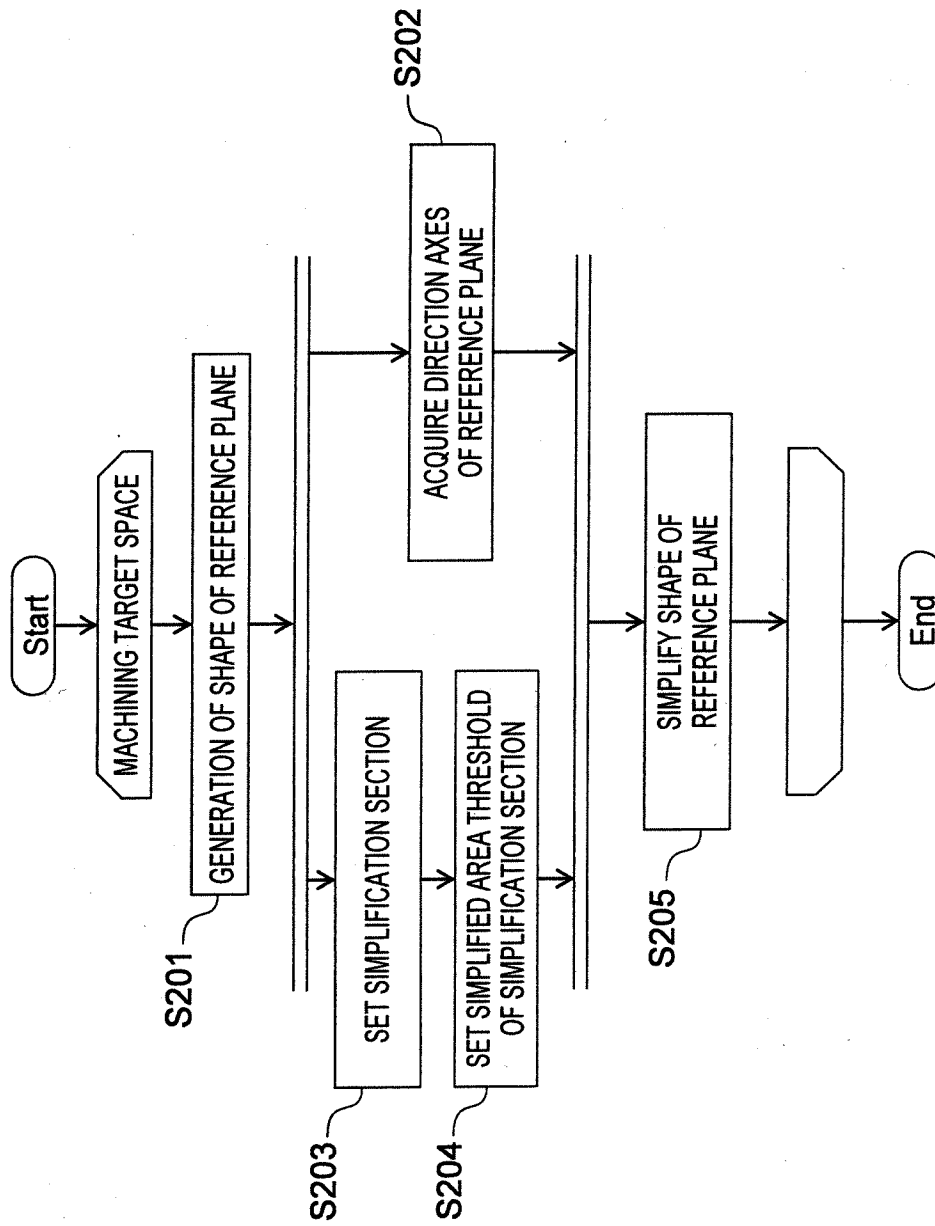


FIG. 6

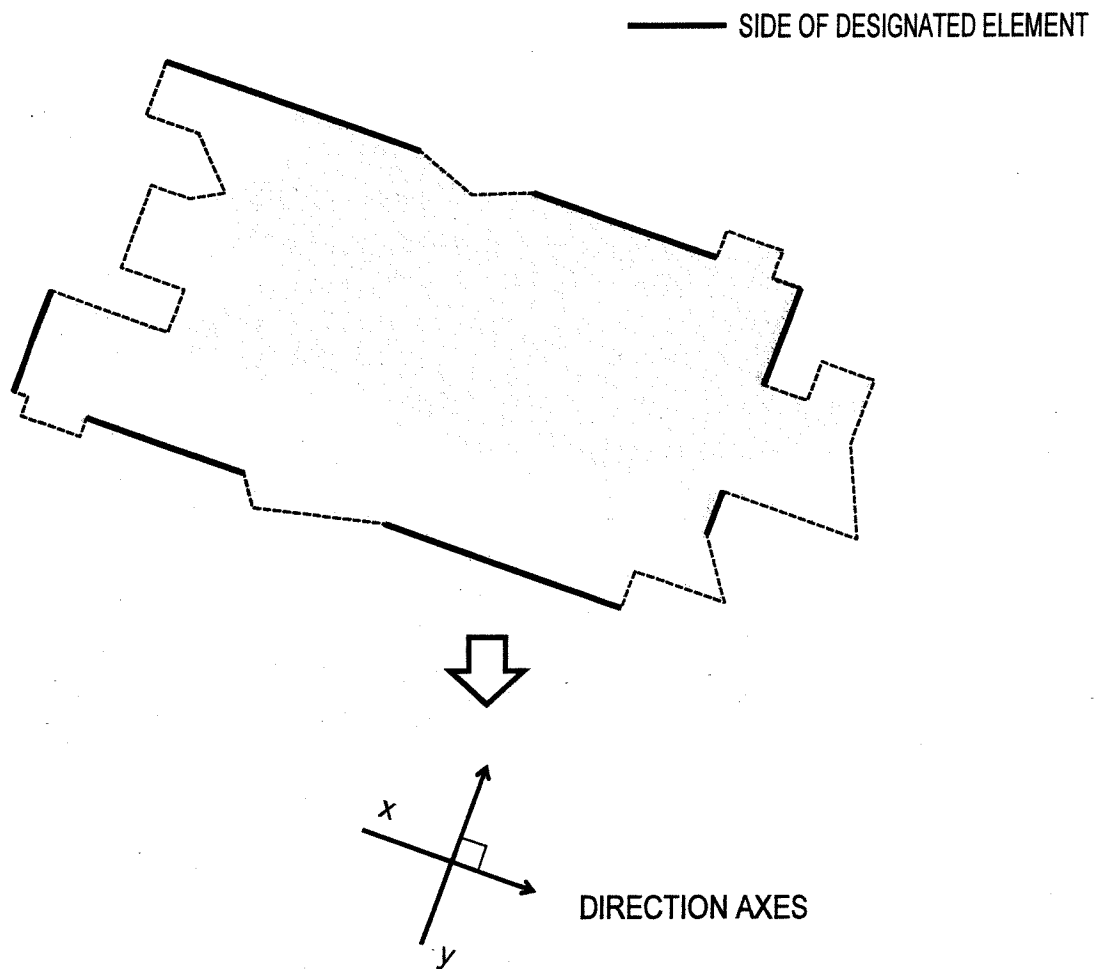
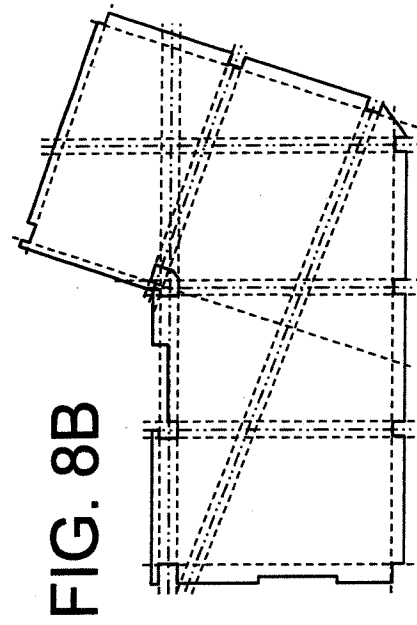
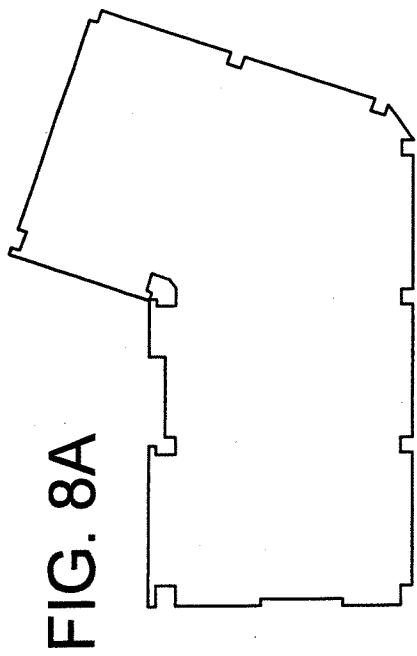
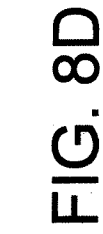
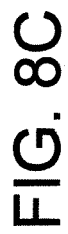
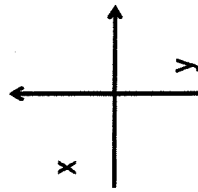
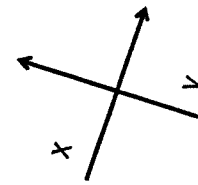


FIG. 7



DIRECTION
AXES



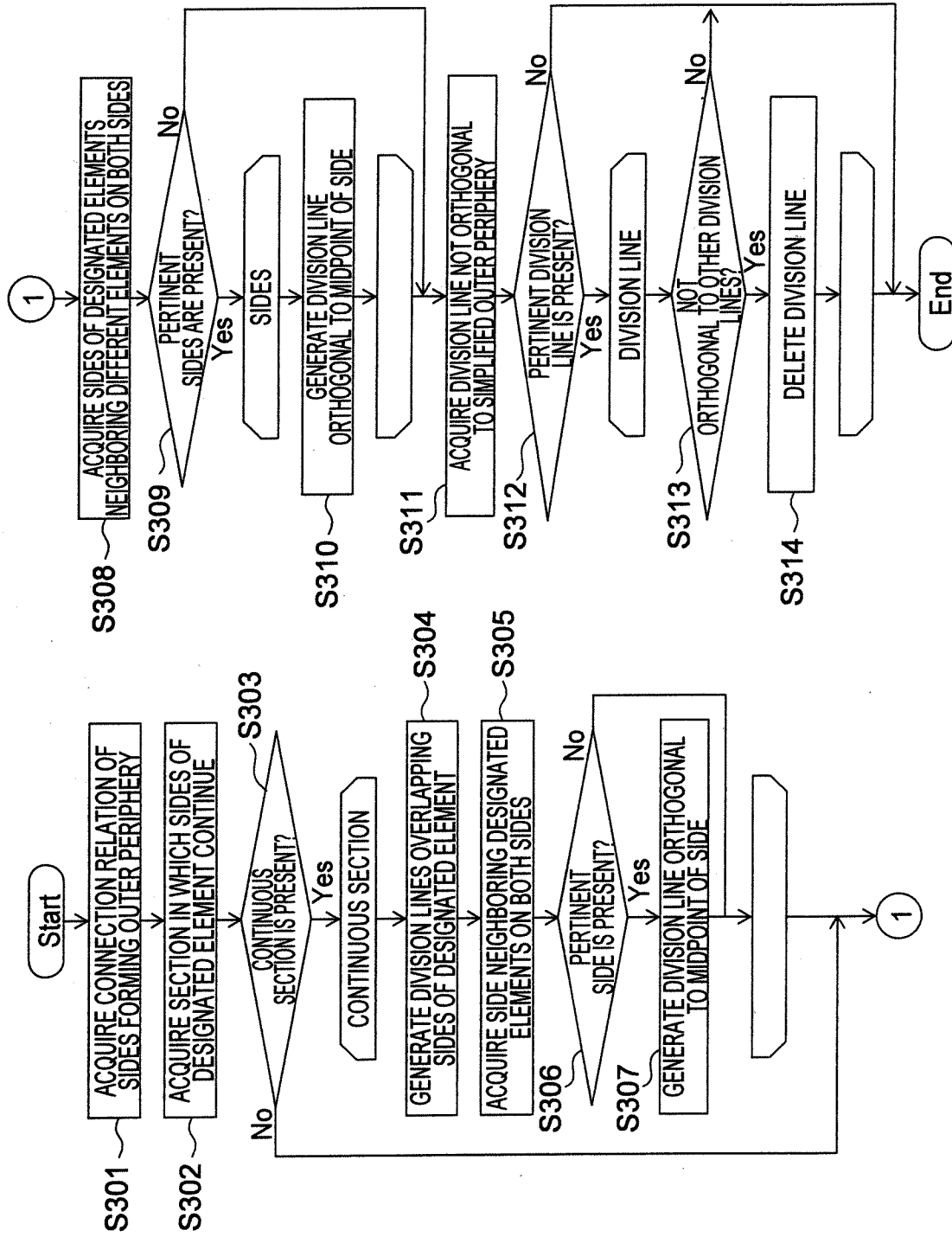


FIG. 9

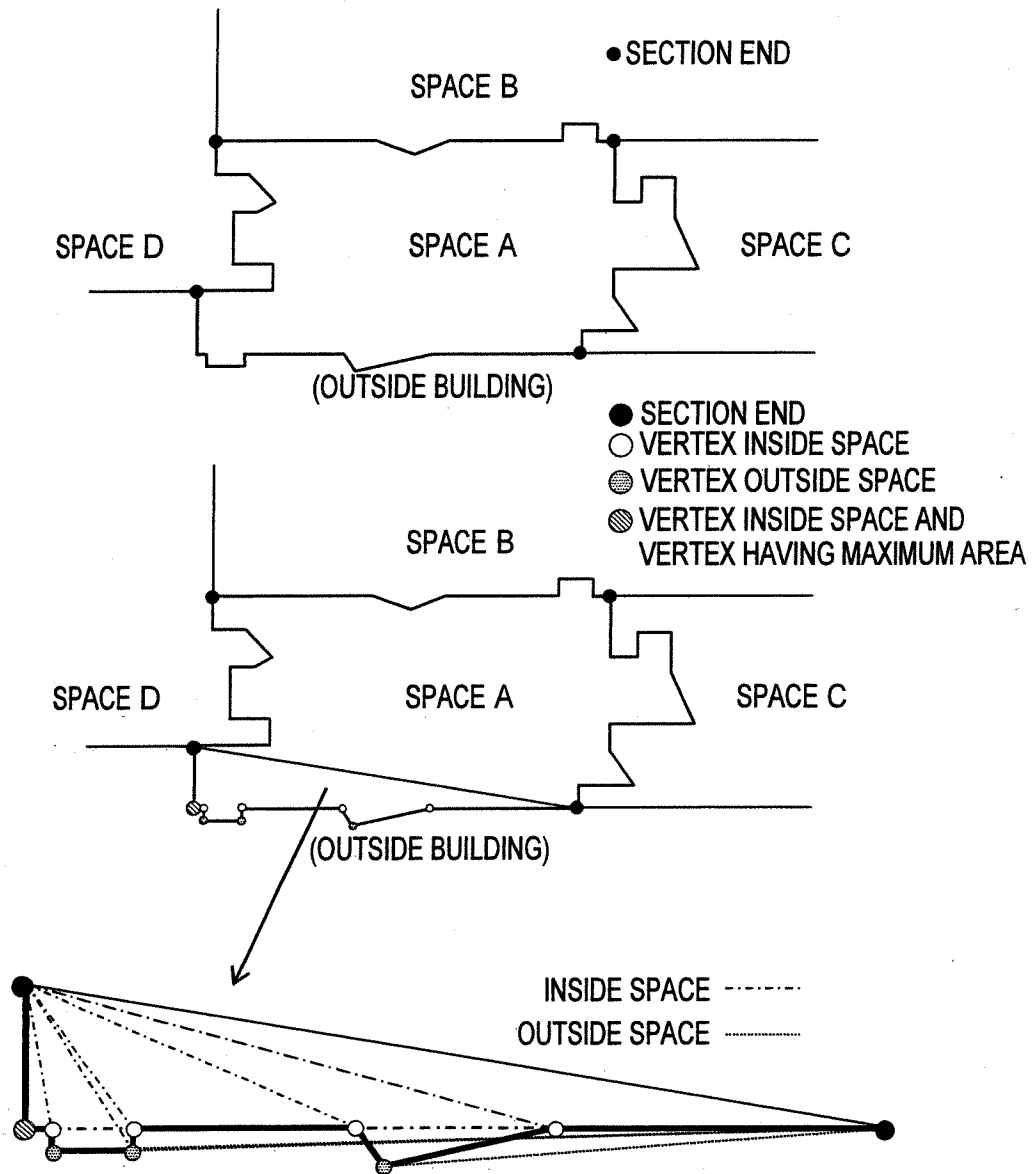


FIG. 10

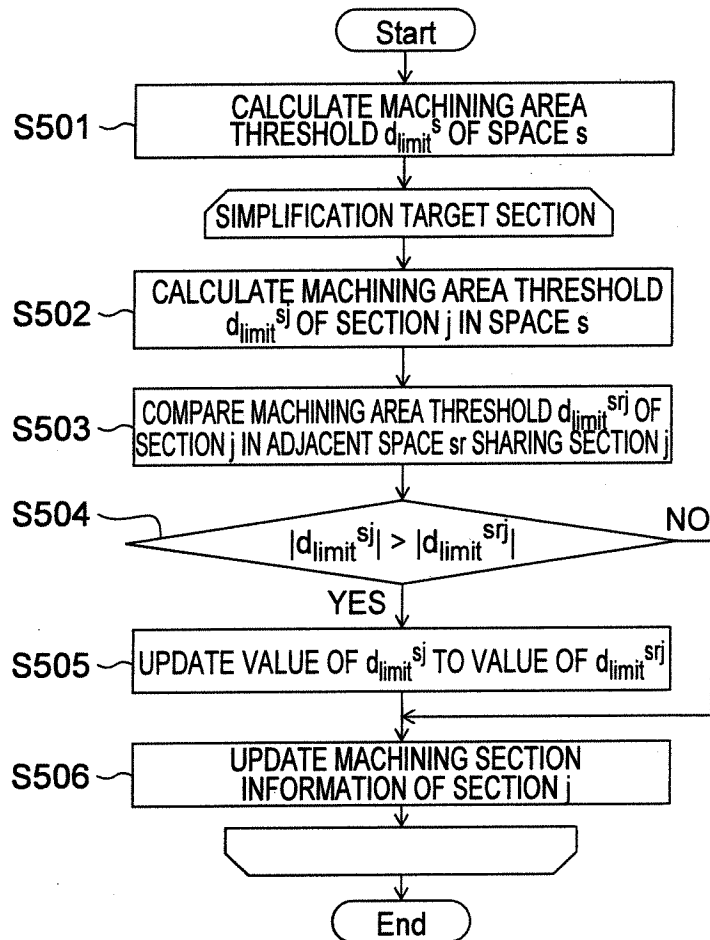


FIG. 11

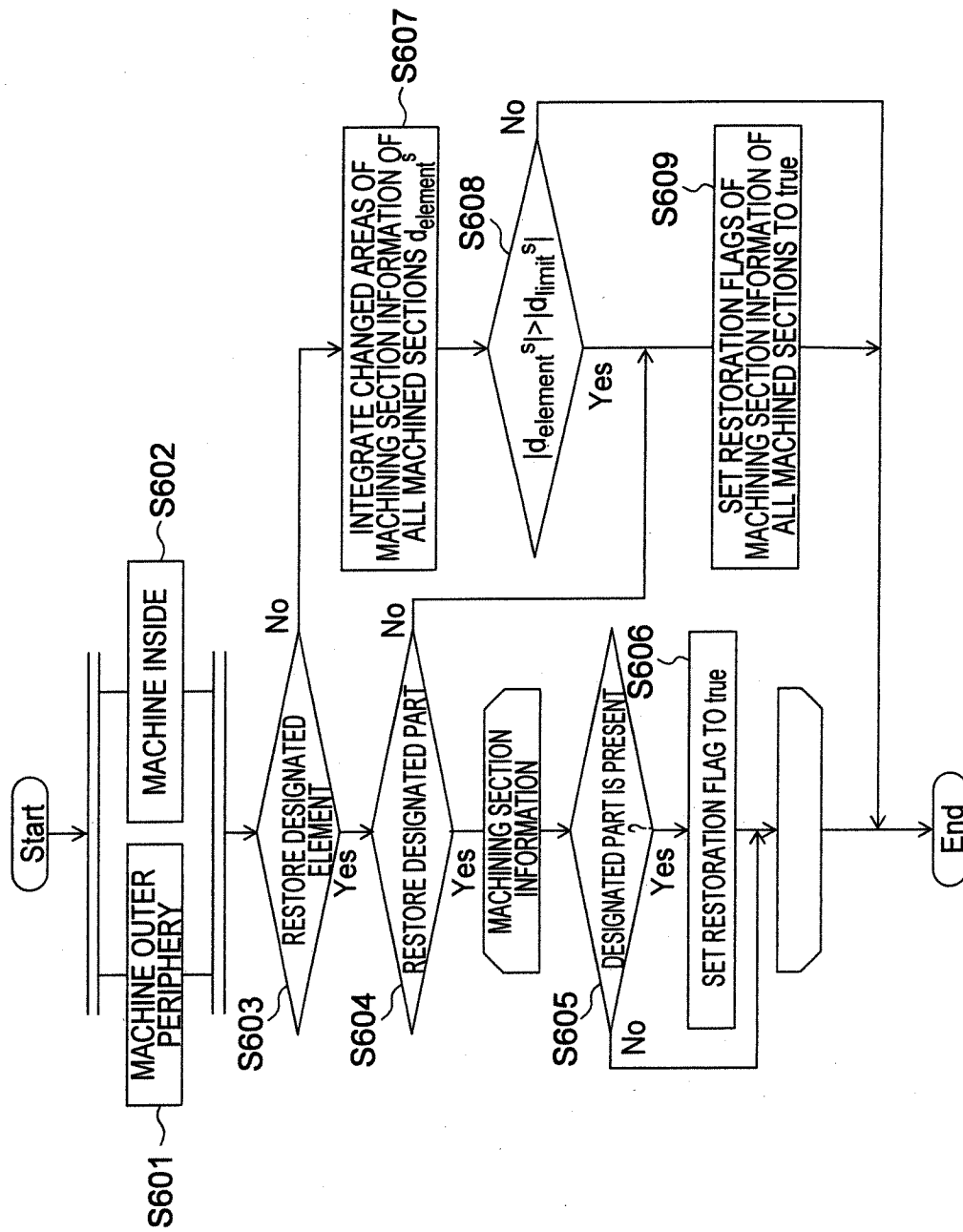


FIG. 12

FIG. 13A

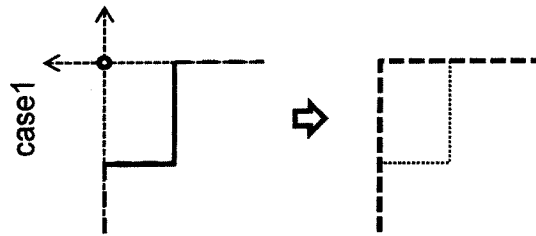


FIG. 13B

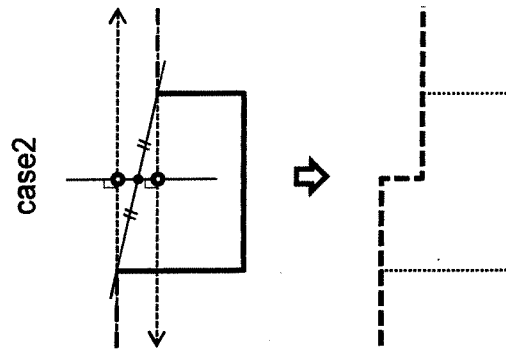


FIG. 13C

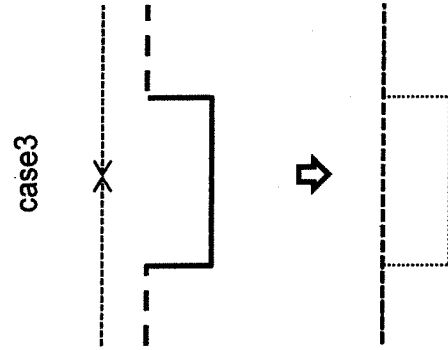
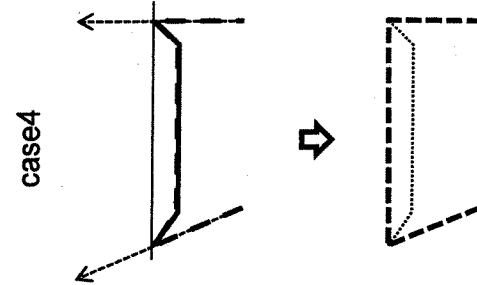


FIG. 13D



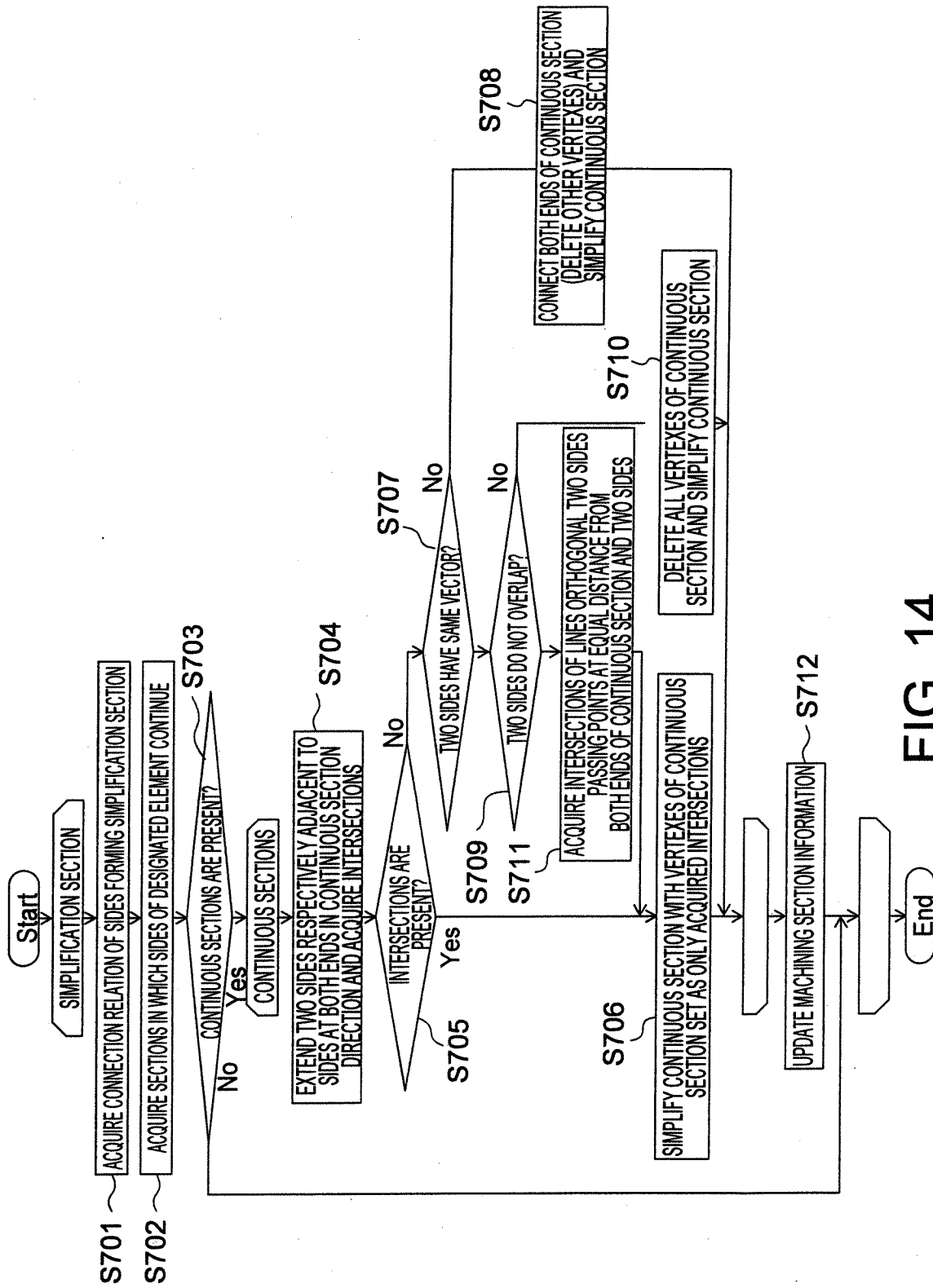


FIG. 14

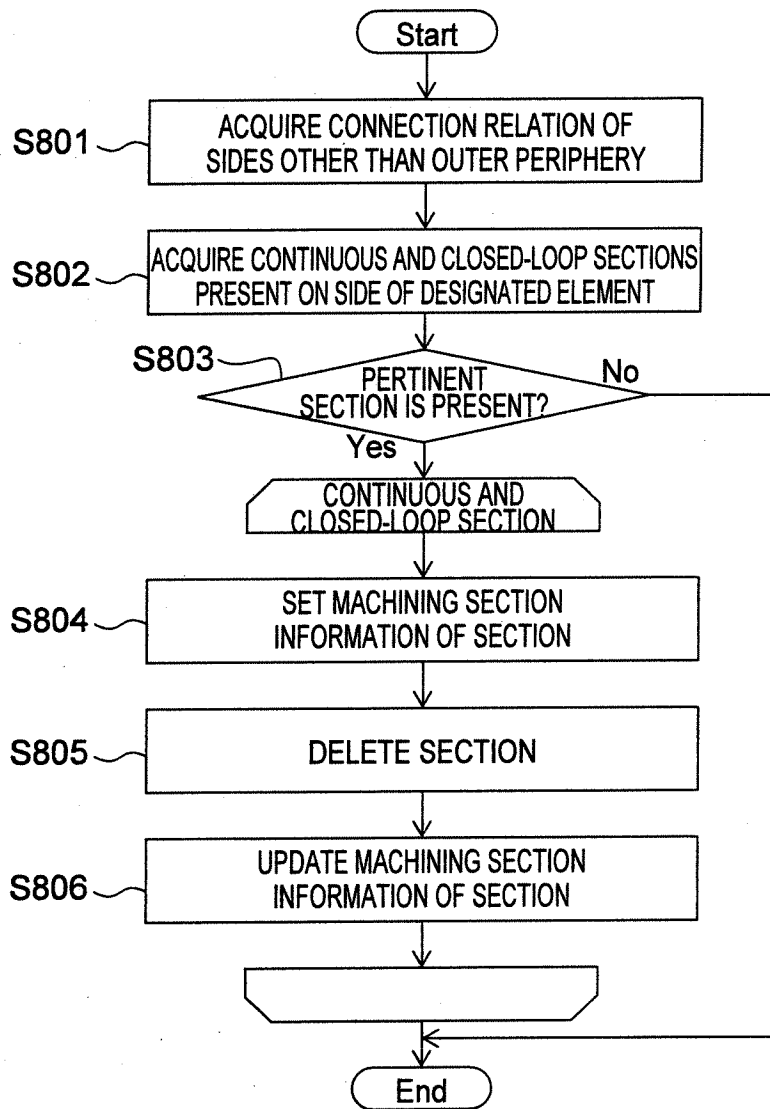


FIG. 15

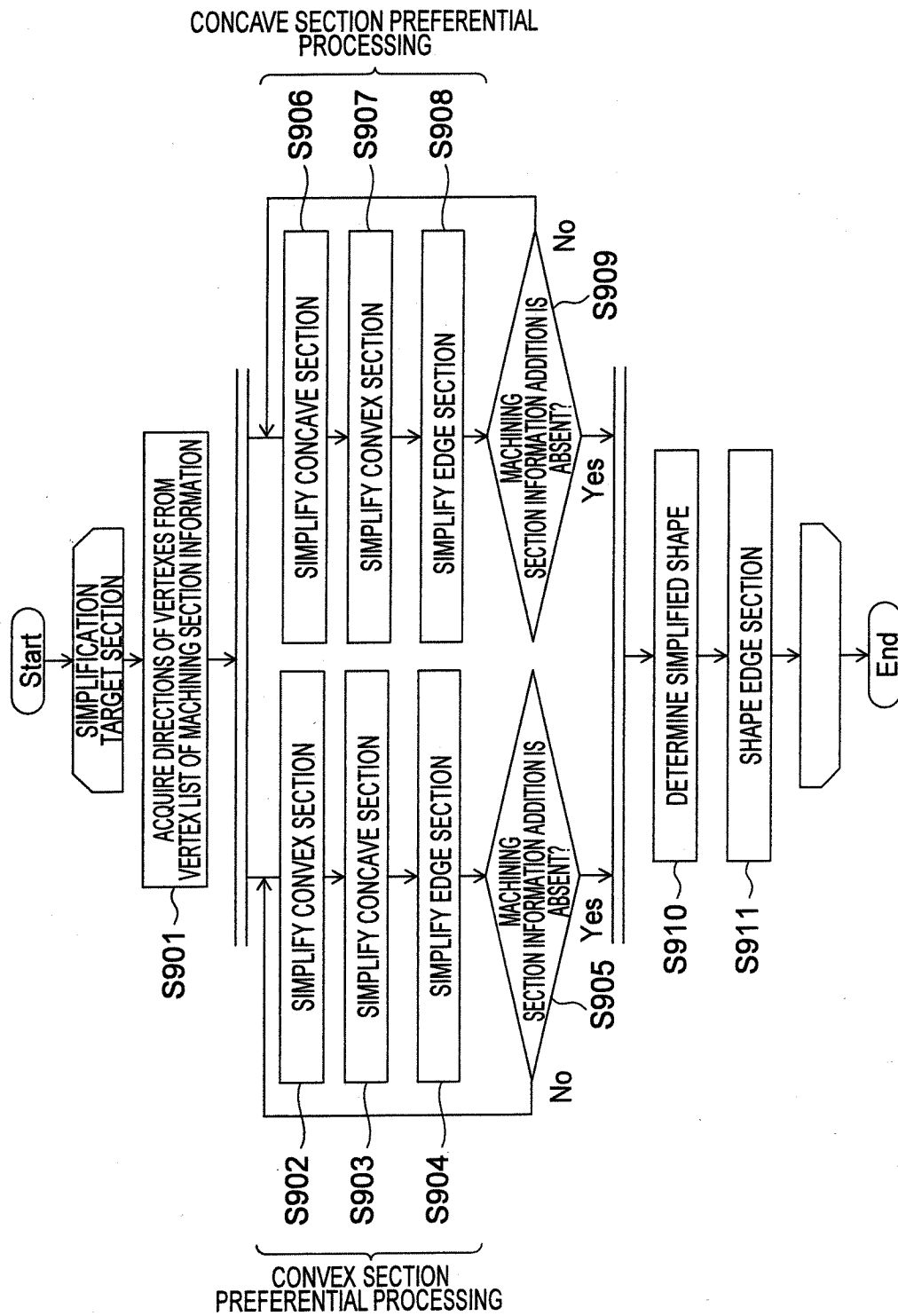


FIG. 16

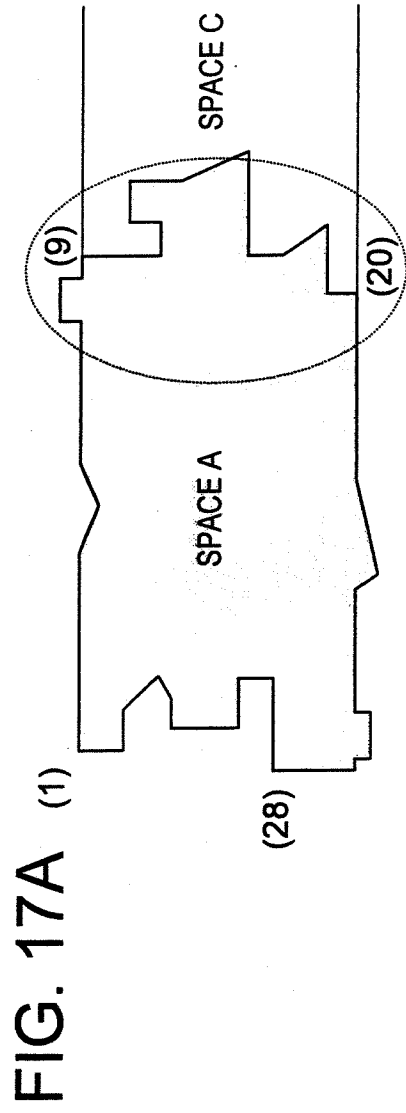
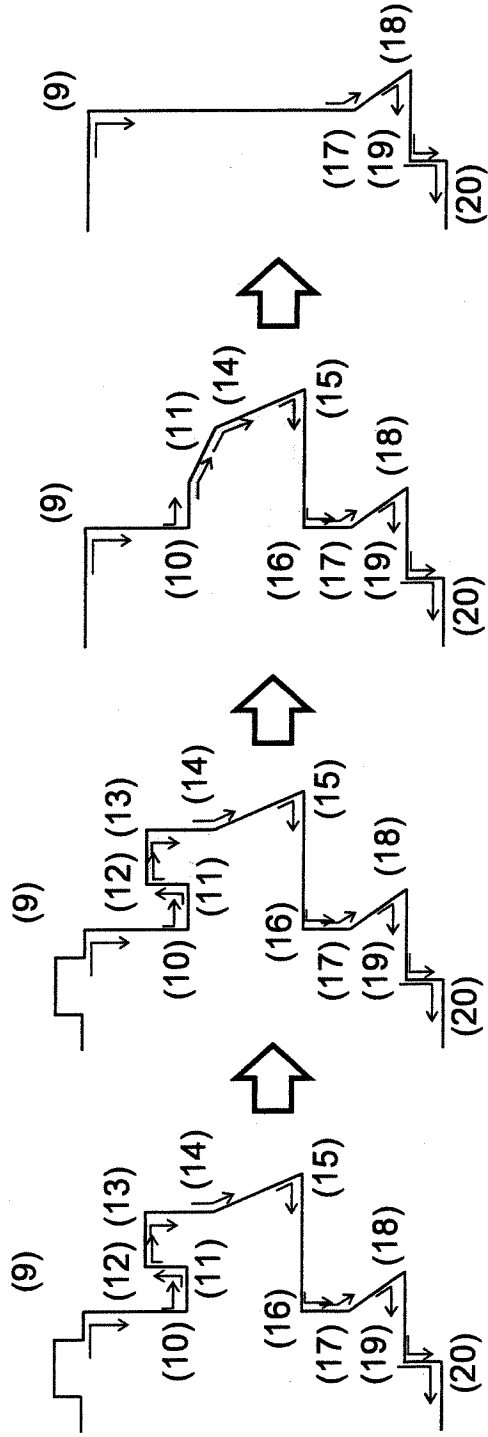


FIG. 17B FIG. 17C FIG. 17D FIG. 17E



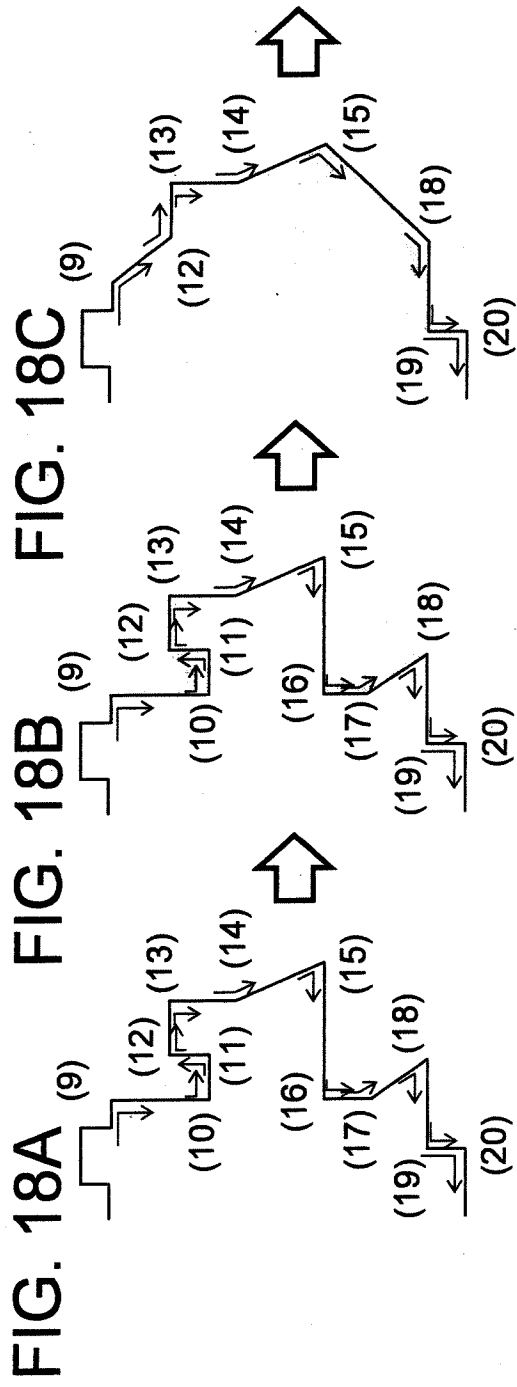
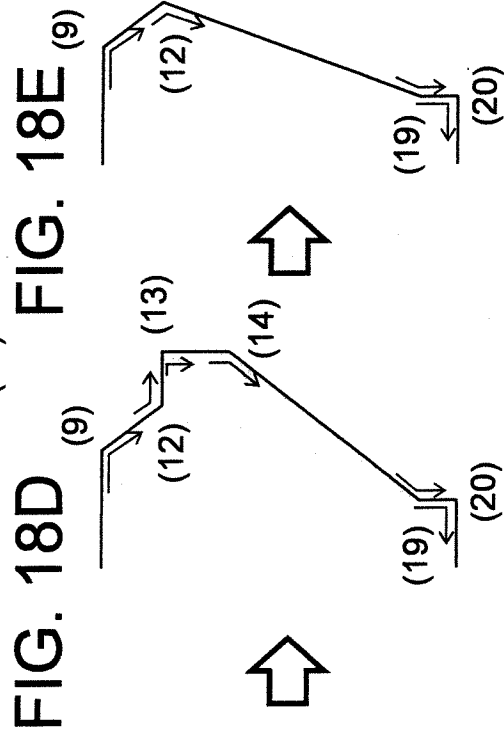


FIG. 19A case1

FIG. 19B case2

FIG. 19C case3

FIG. 19D case4

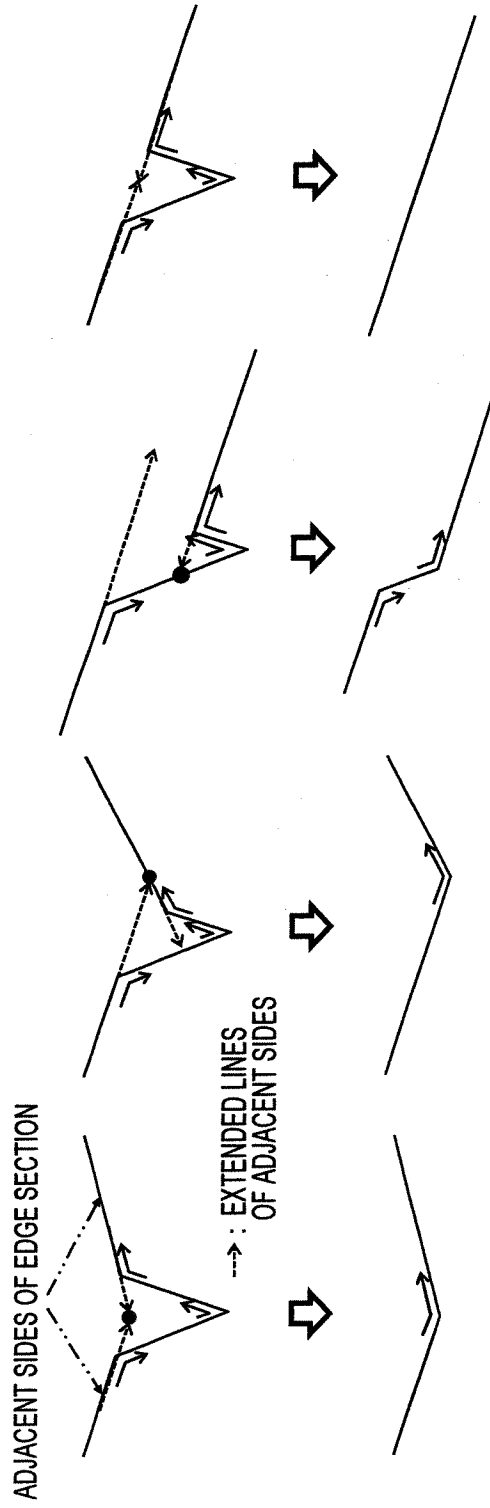


FIG. 19E

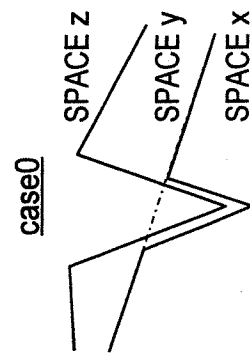


FIG. 20A

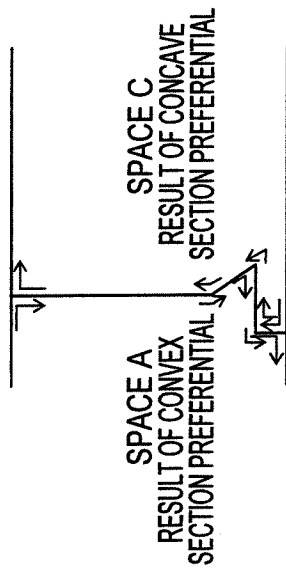


FIG. 20B

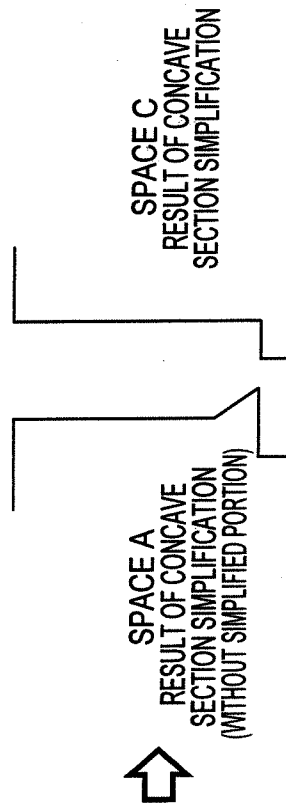


FIG. 20C

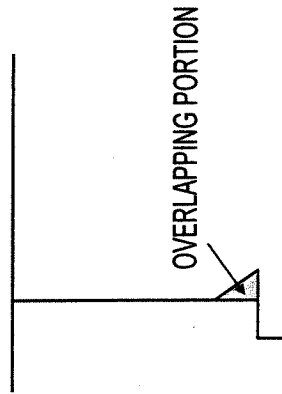
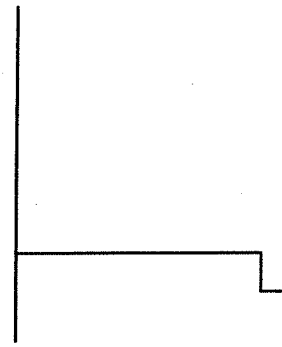


FIG. 20D



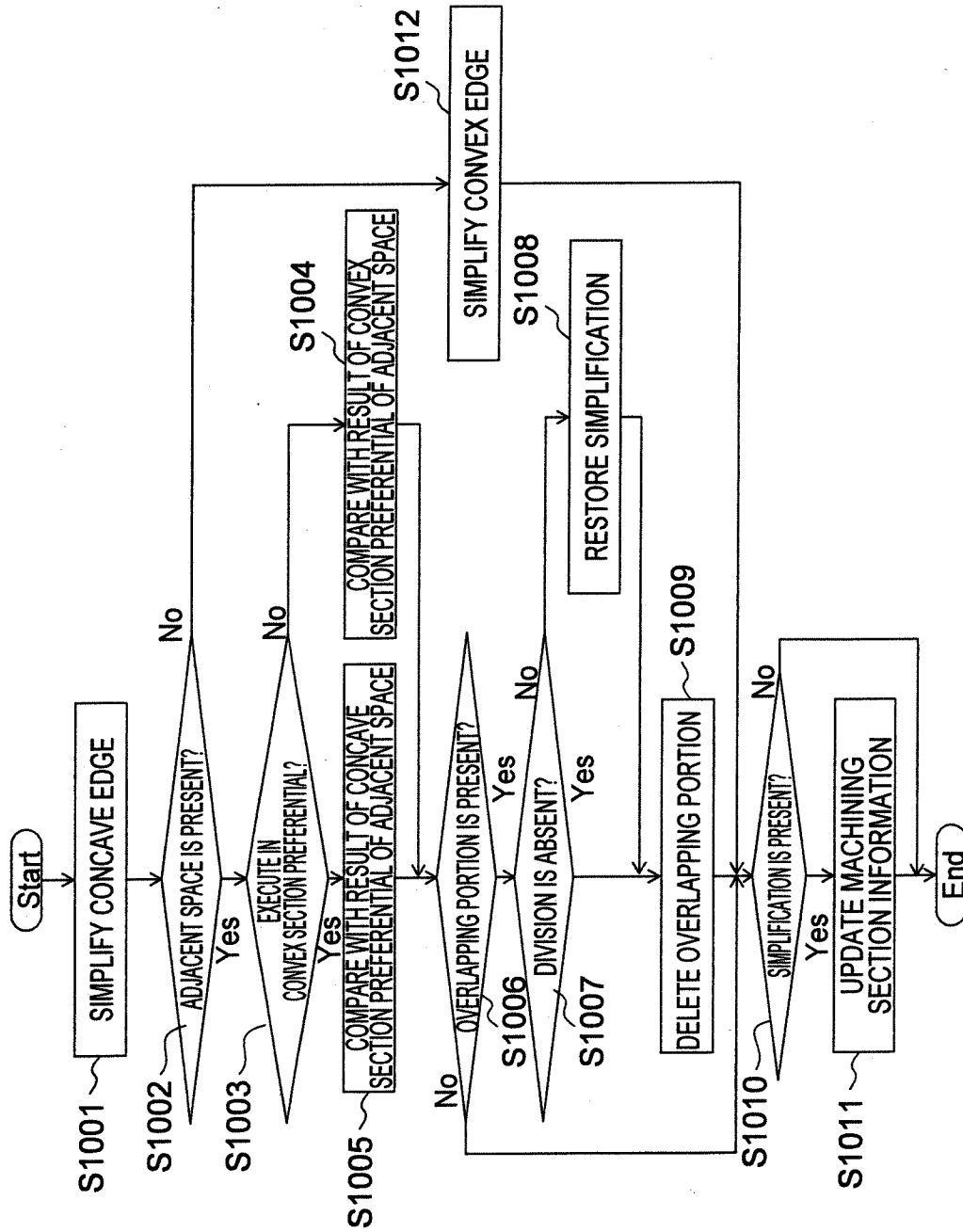


FIG. 21

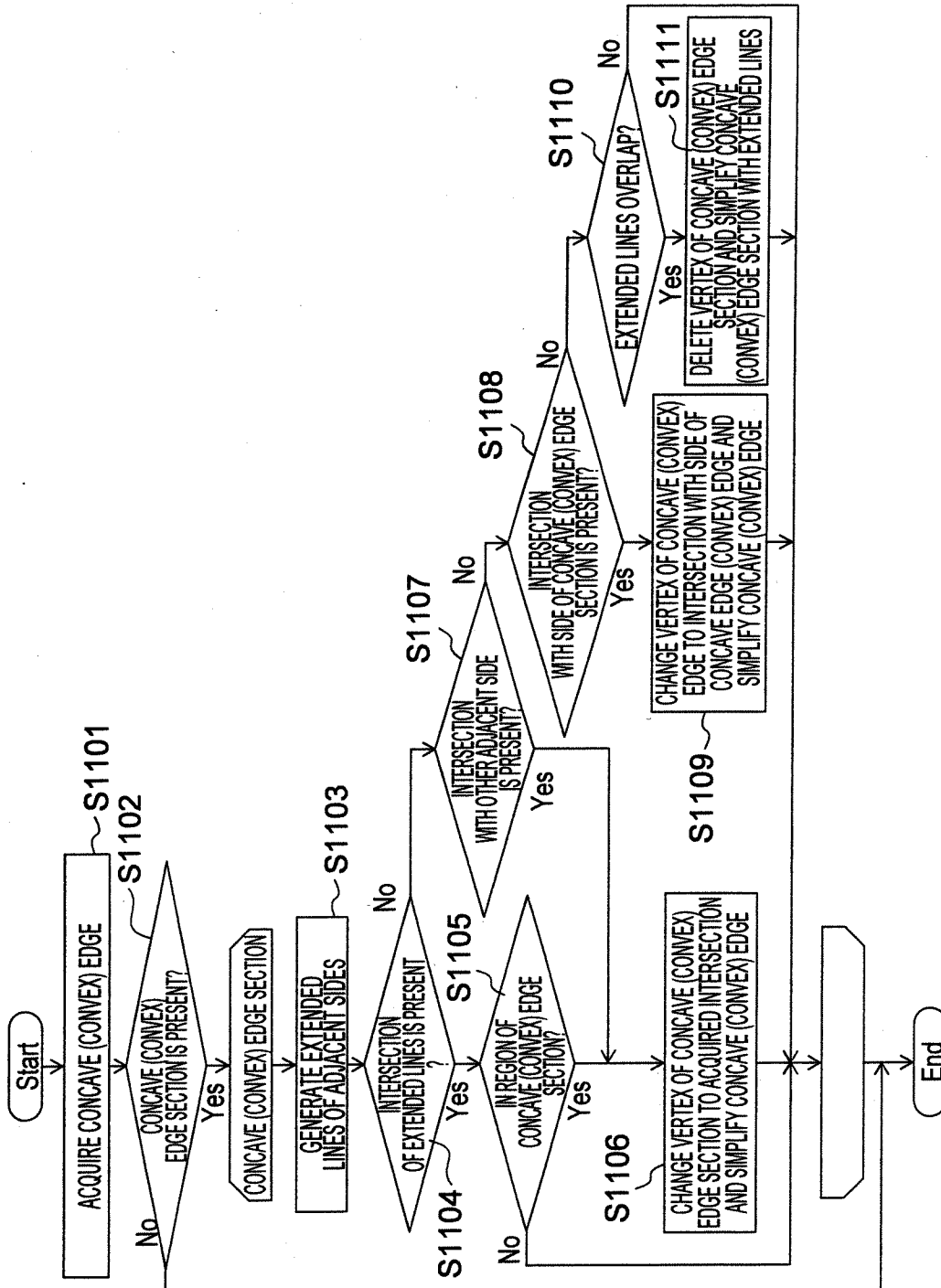


FIG. 22

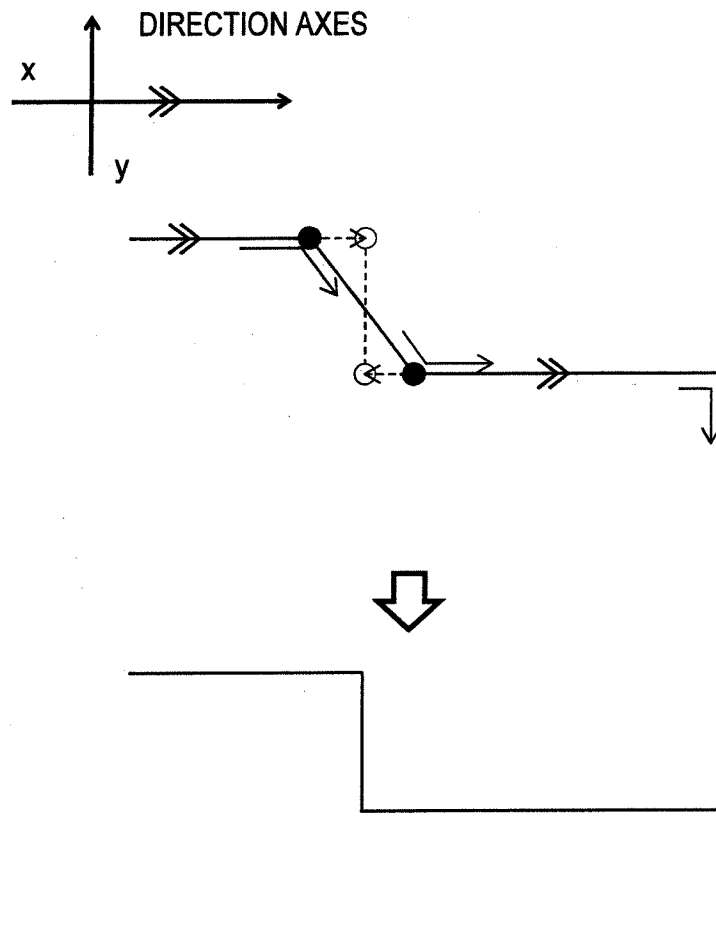


FIG. 23

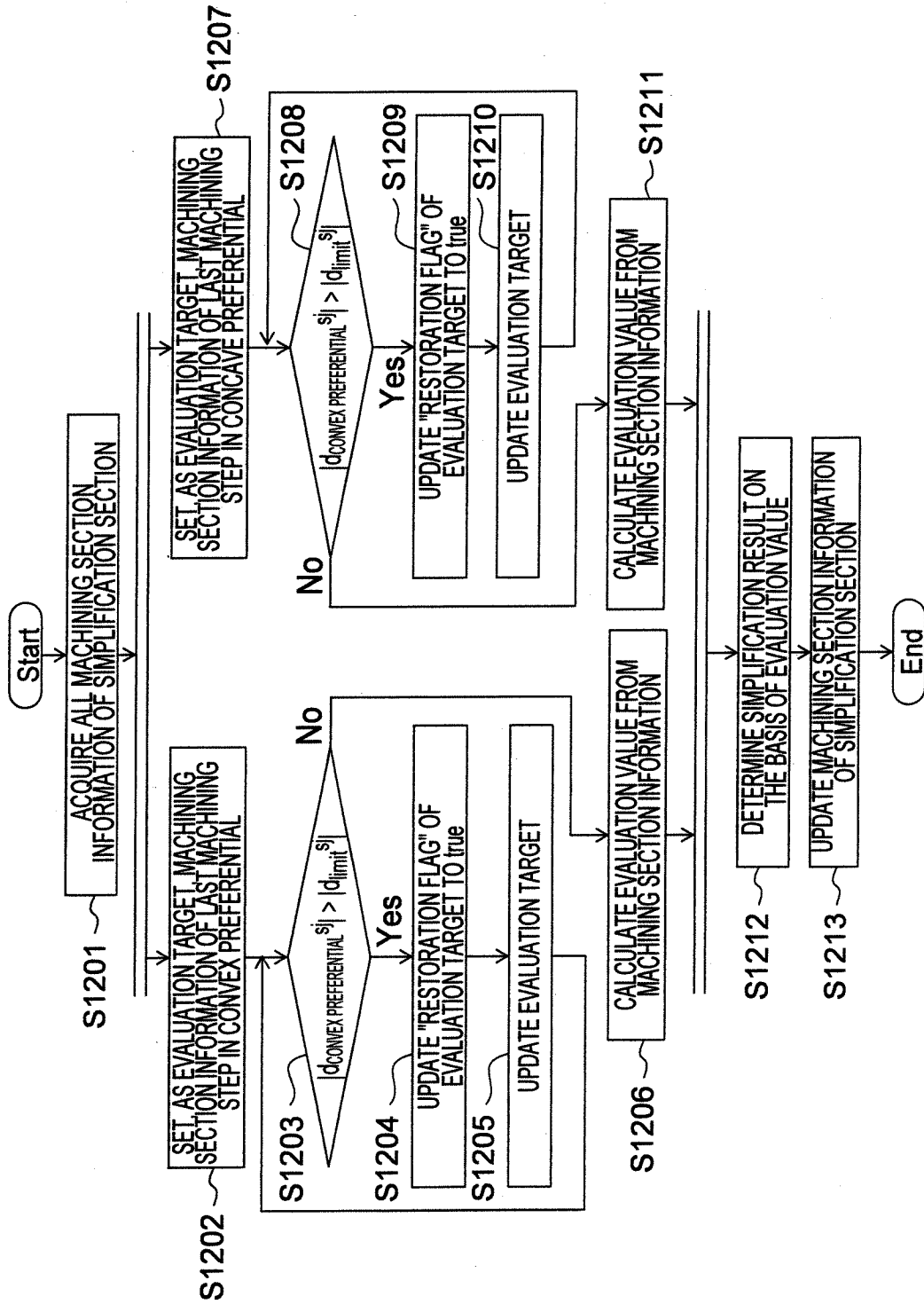


FIG. 24

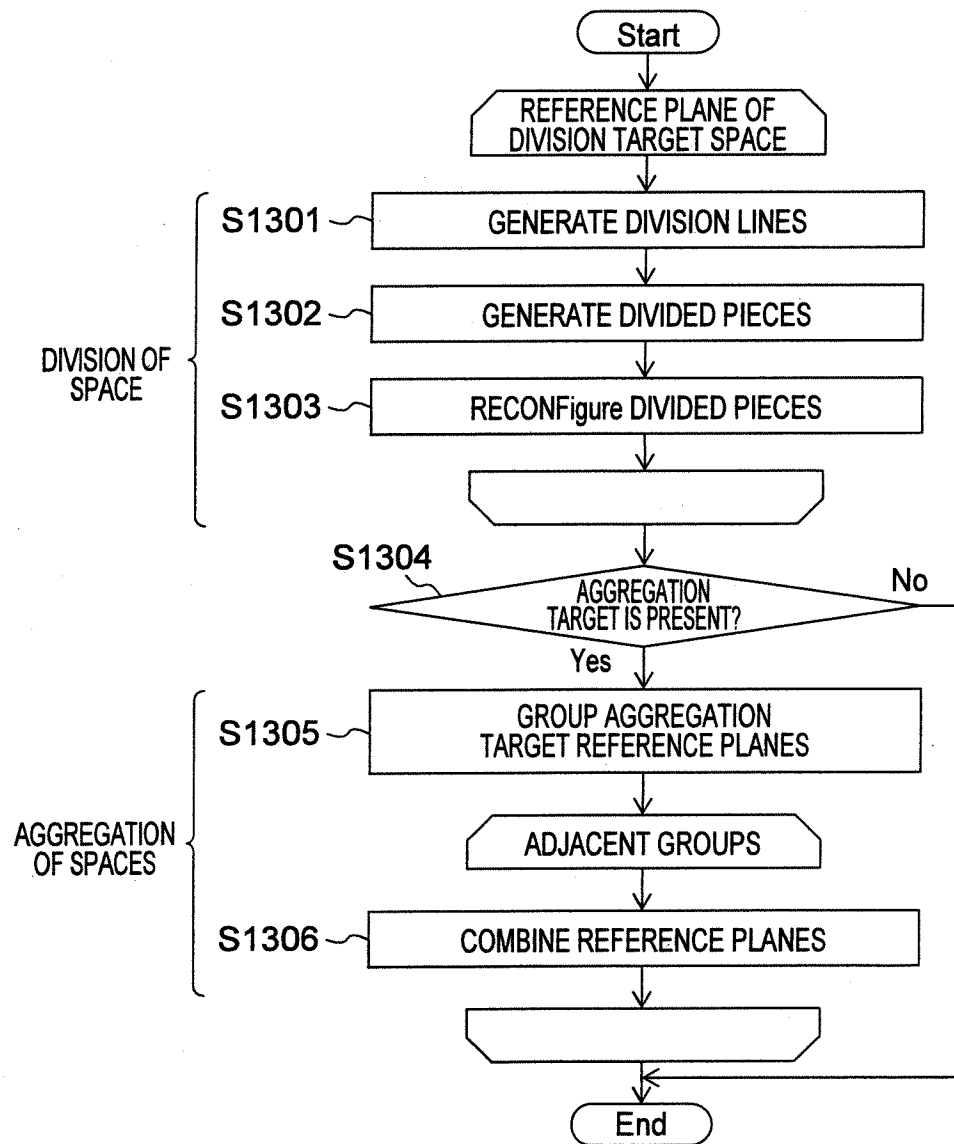


FIG. 25

FIG. 26A

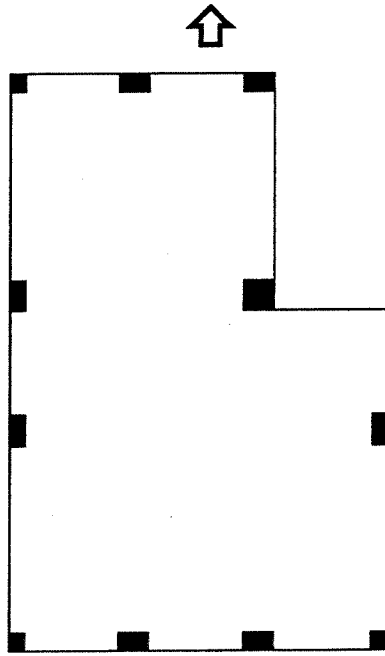


FIG. 26B

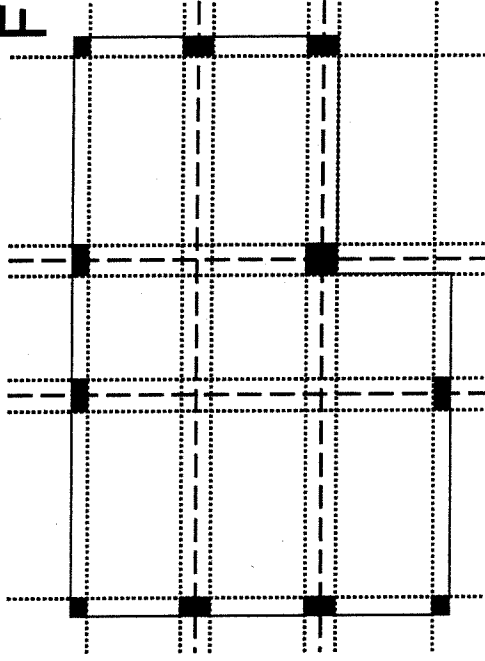
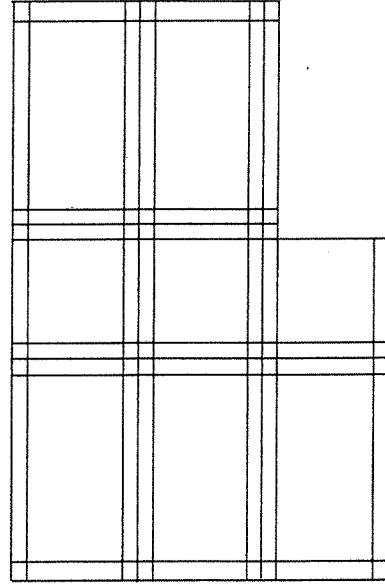


FIG. 26C

FIG. 27A

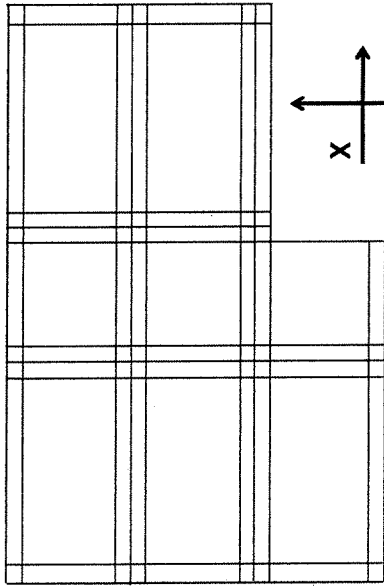


FIG. 27B

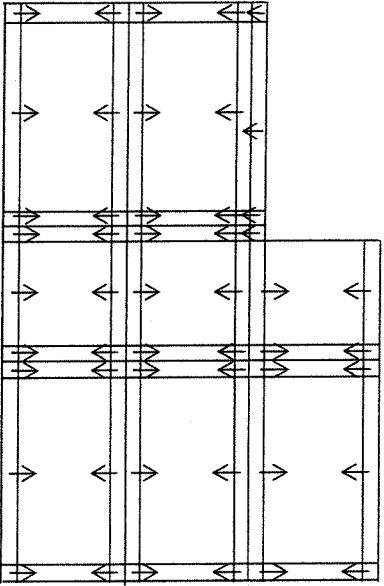


FIG. 27D

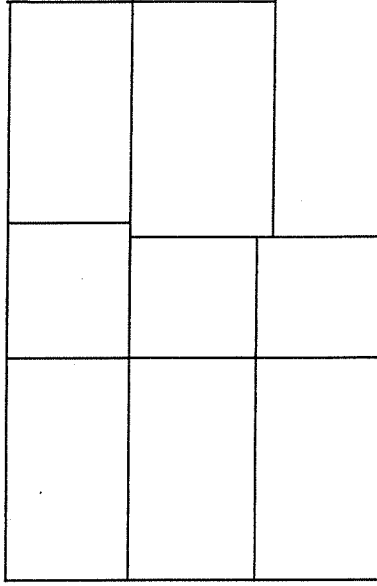


FIG. 27C

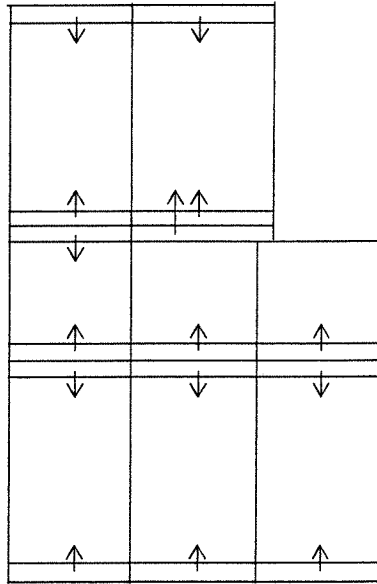


FIG. 28A

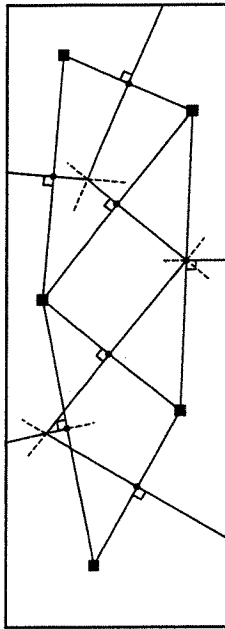
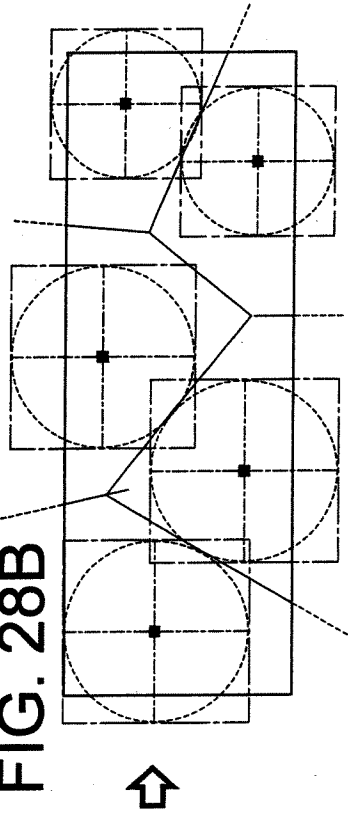
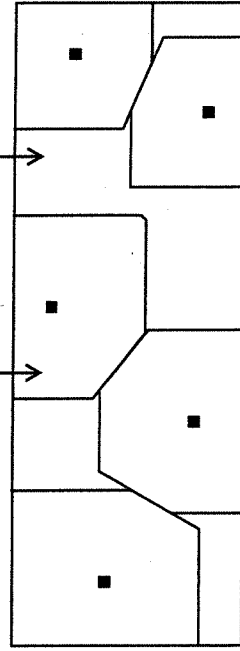


FIG. 28B



DIVIDED
PIECE

FIG. 28C



UNRELATED TO
DESIGNATED ELEMENT

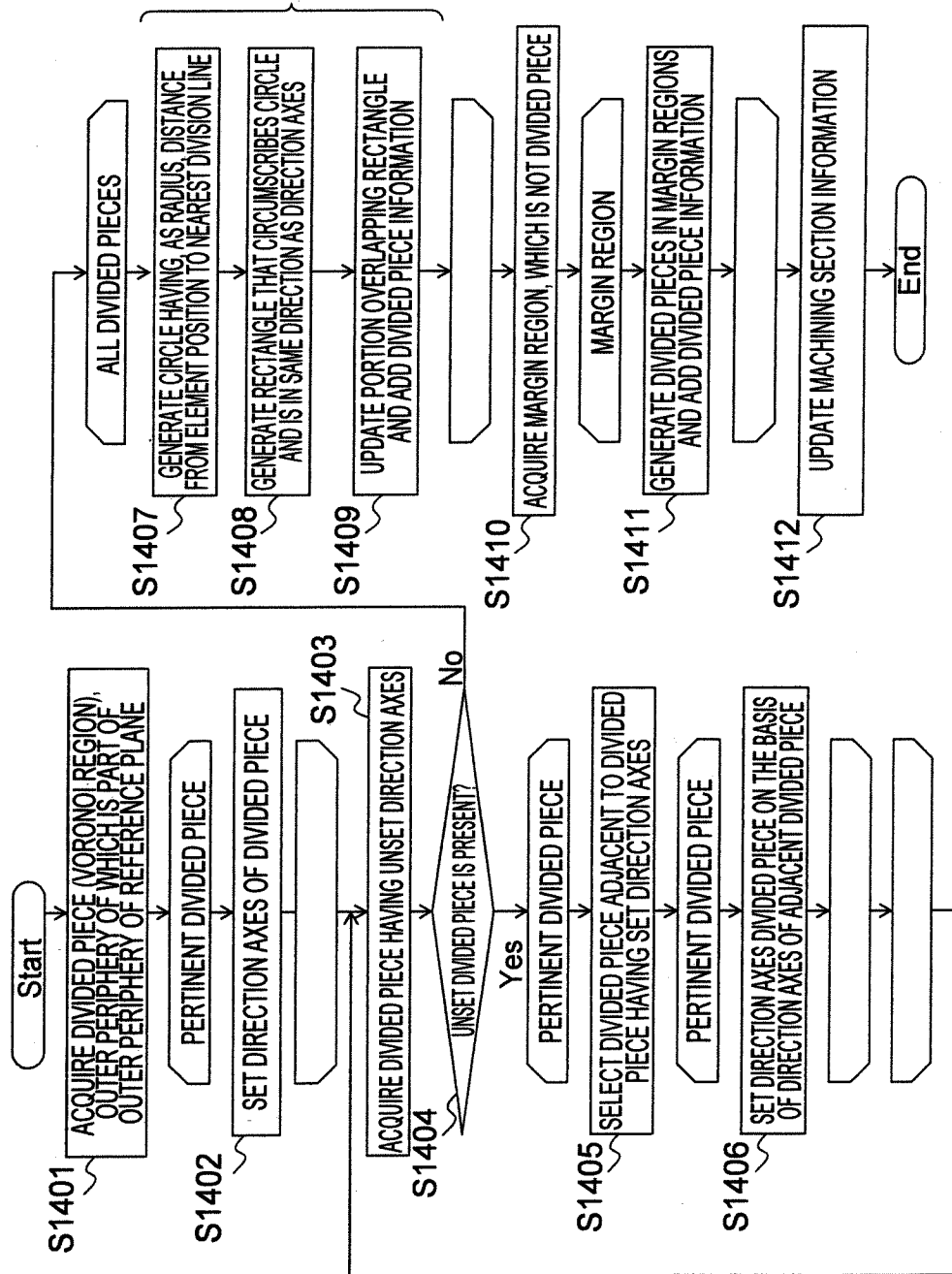


FIG. 29

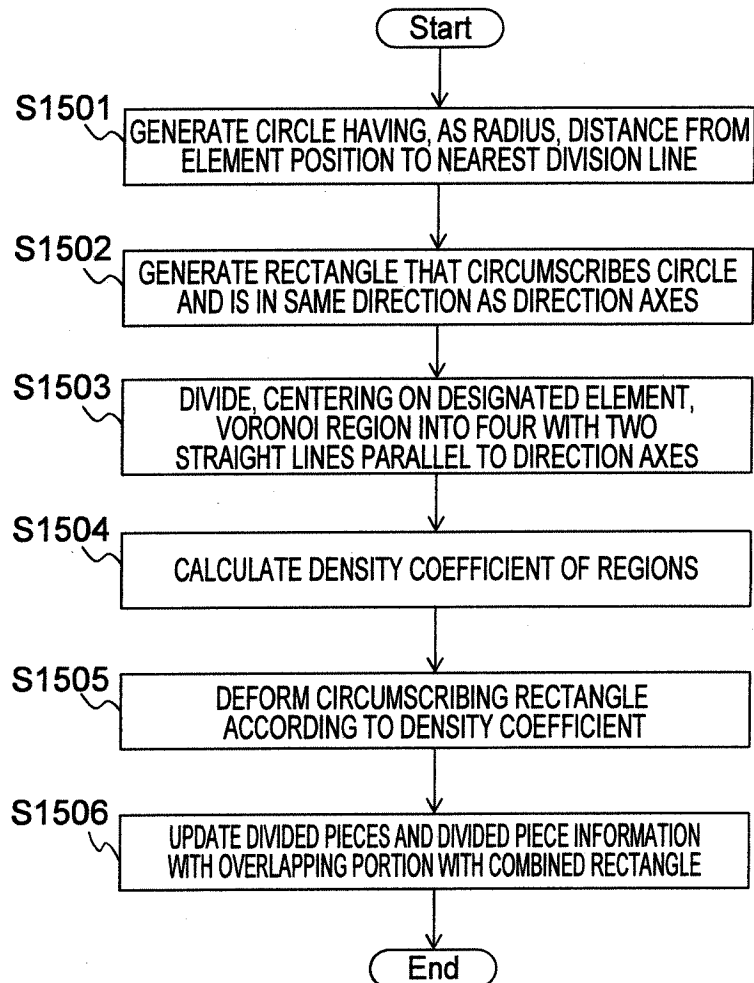


FIG. 30

FIG. 31A

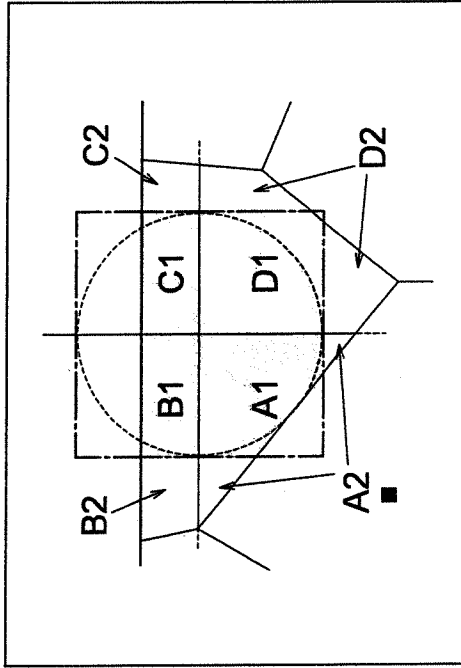


FIG. 31B

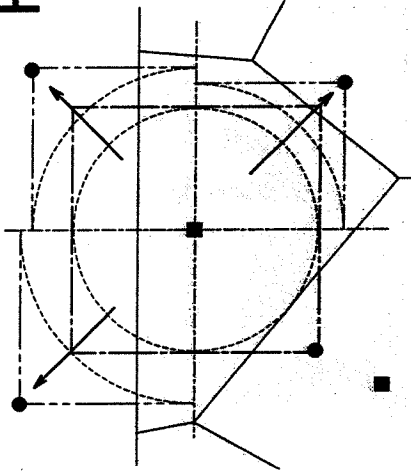


FIG. 31C

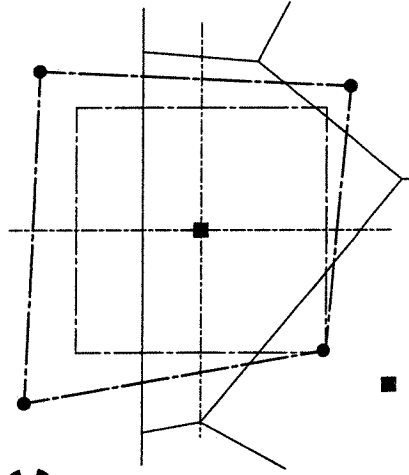


FIG. 31D

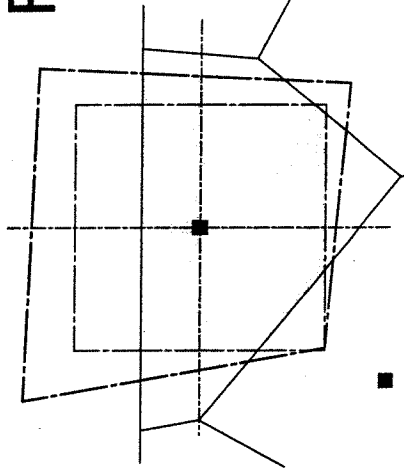


FIG. 32B

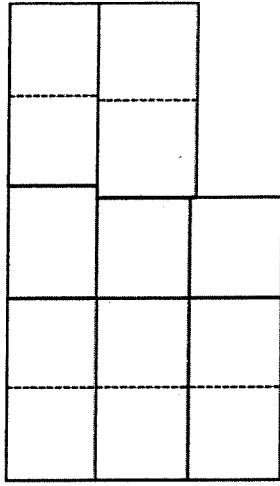


FIG. 32C

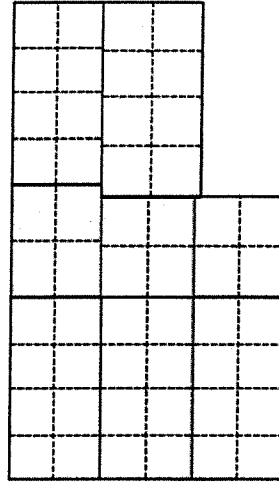
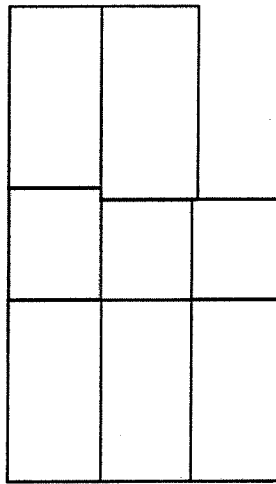


FIG. 32A



 DIVISION UNIT

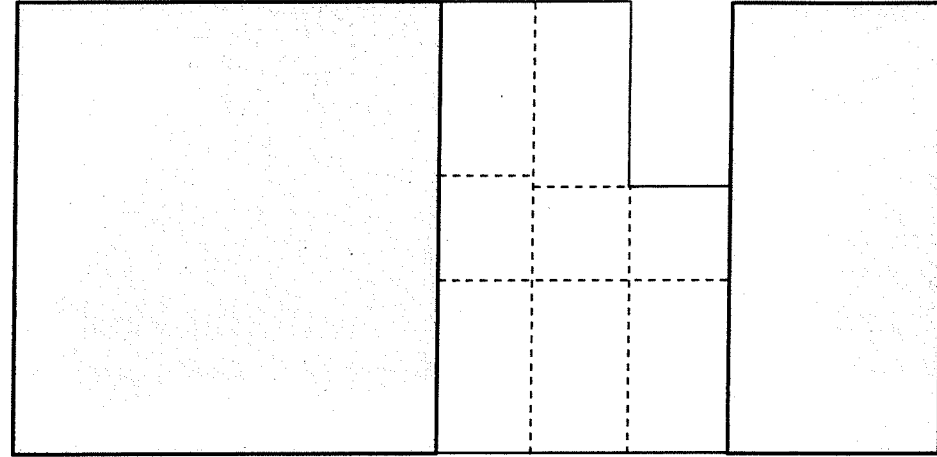


FIG. 33B

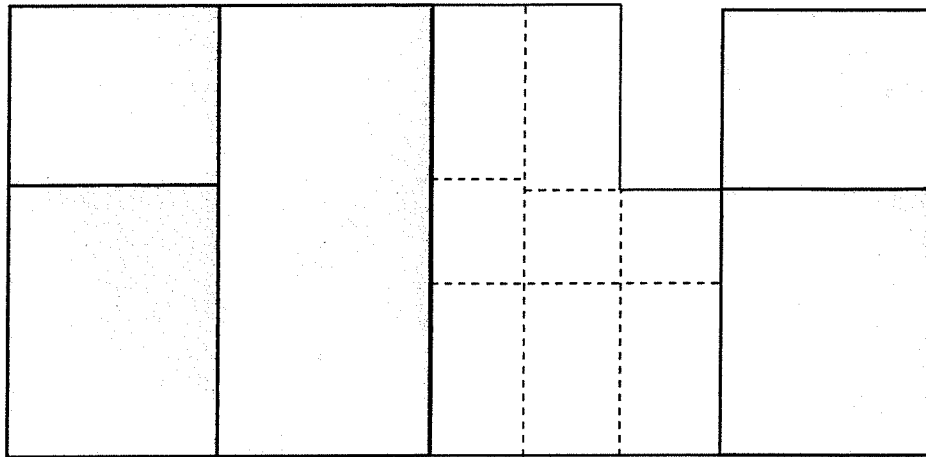


FIG. 33A

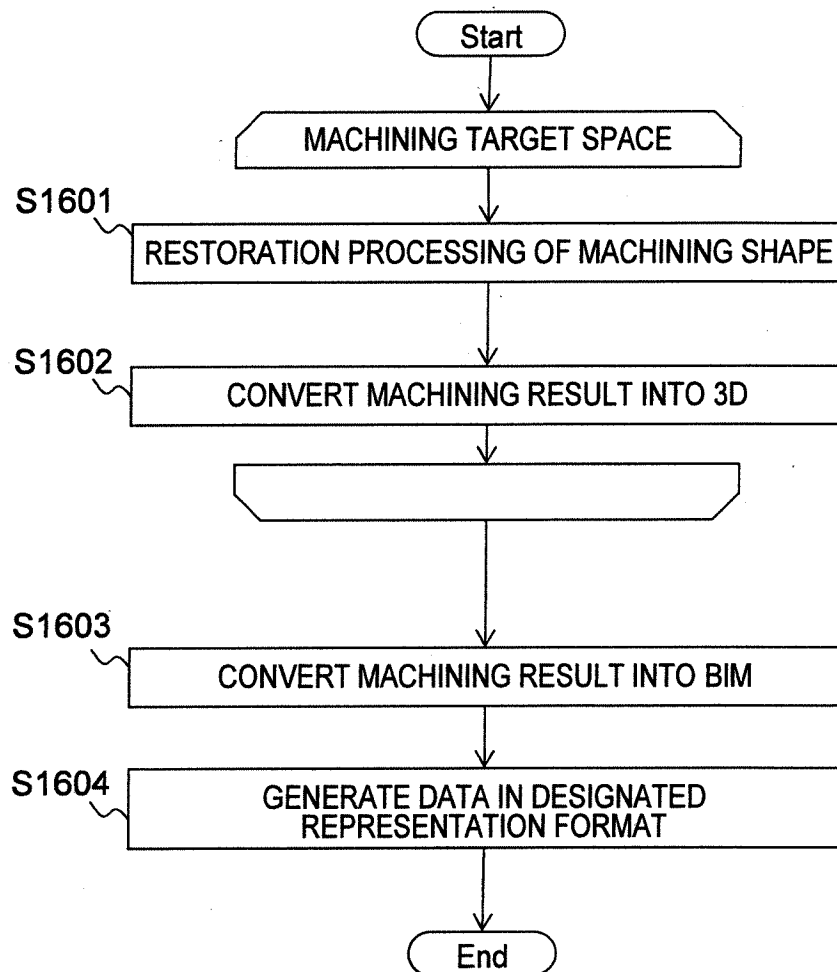


FIG. 34

FIG. 35B

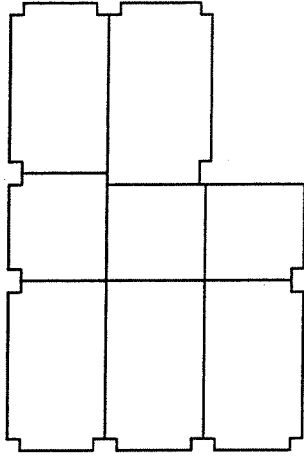


FIG. 35C

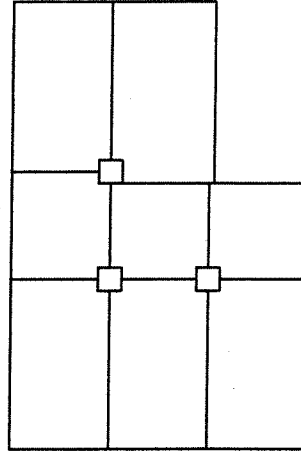
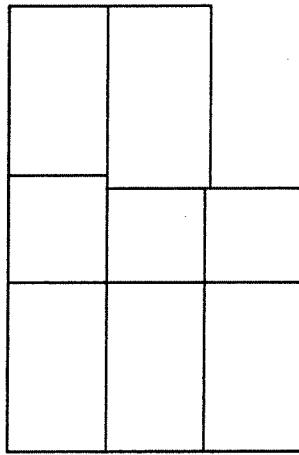


FIG. 35A



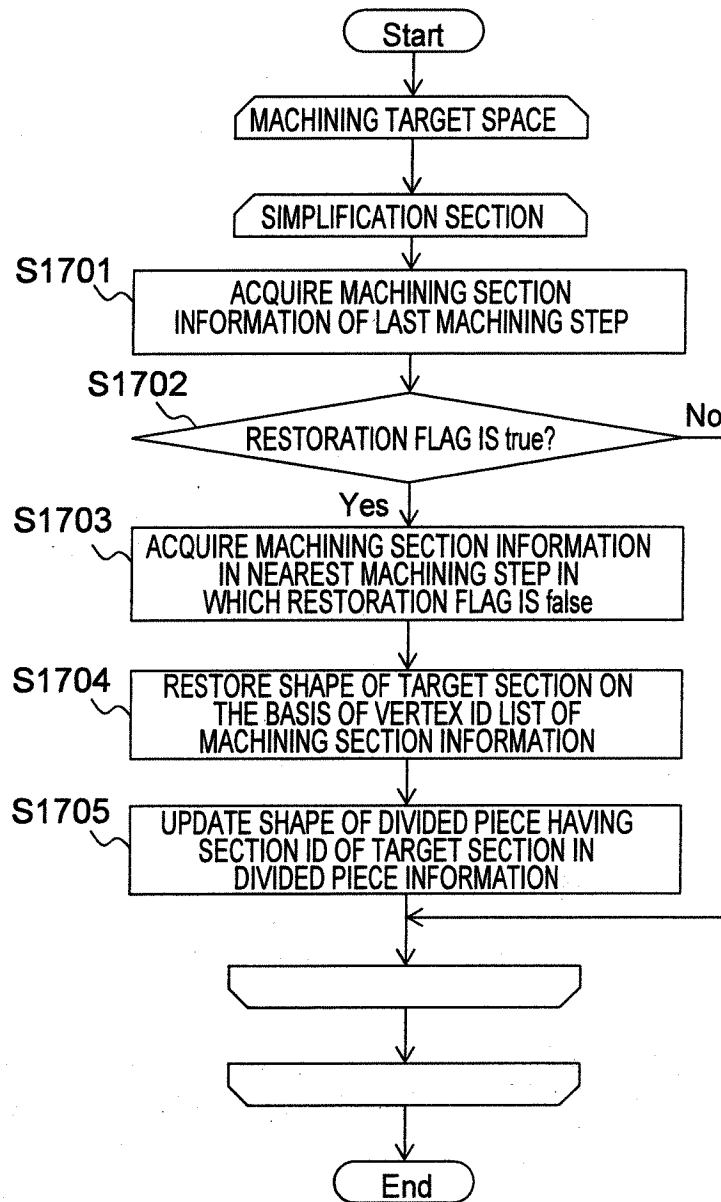
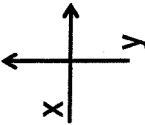


FIG. 36

<div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;">SET PROPERTY</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;">EXECUTE MACHINING</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;">DISPLAY FLOOR</div>	<div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;">MACHINING STEP (SHAPE)</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;">MACHINING STEP (STRUCTURE)</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;">MACHINING STEP (SHAPING)</div>	<div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;">COLLECTIVE DRAWING</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;">EXECUTE SIMULATION</div>	<div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;">ORIGINAL</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;">SHAPE MACHINING</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;">STRUCTURE MACHINING</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;">RESULT SHAPING</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;">CONVERSION INTO BIM</div>
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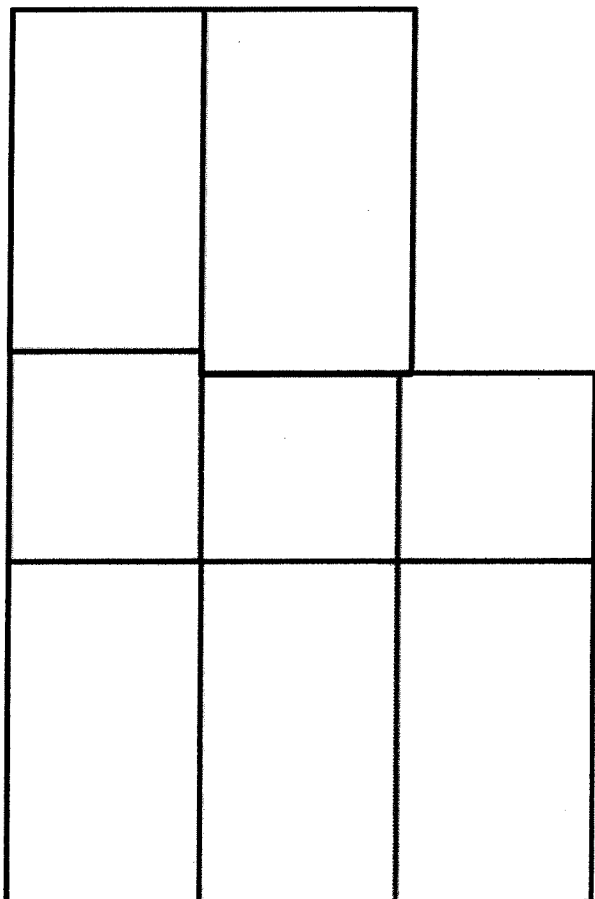


FIG. 37

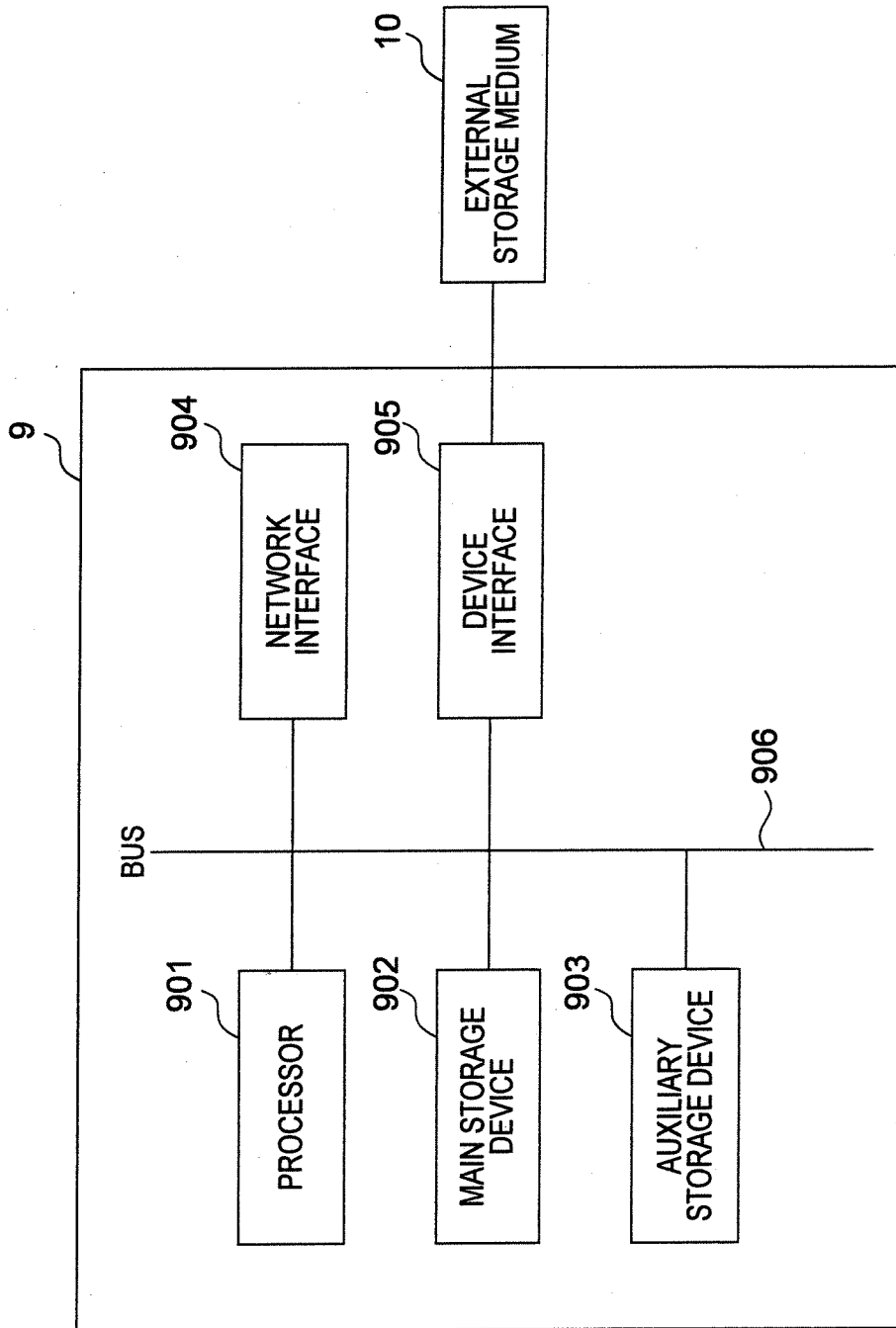


FIG. 38