

FIG.1

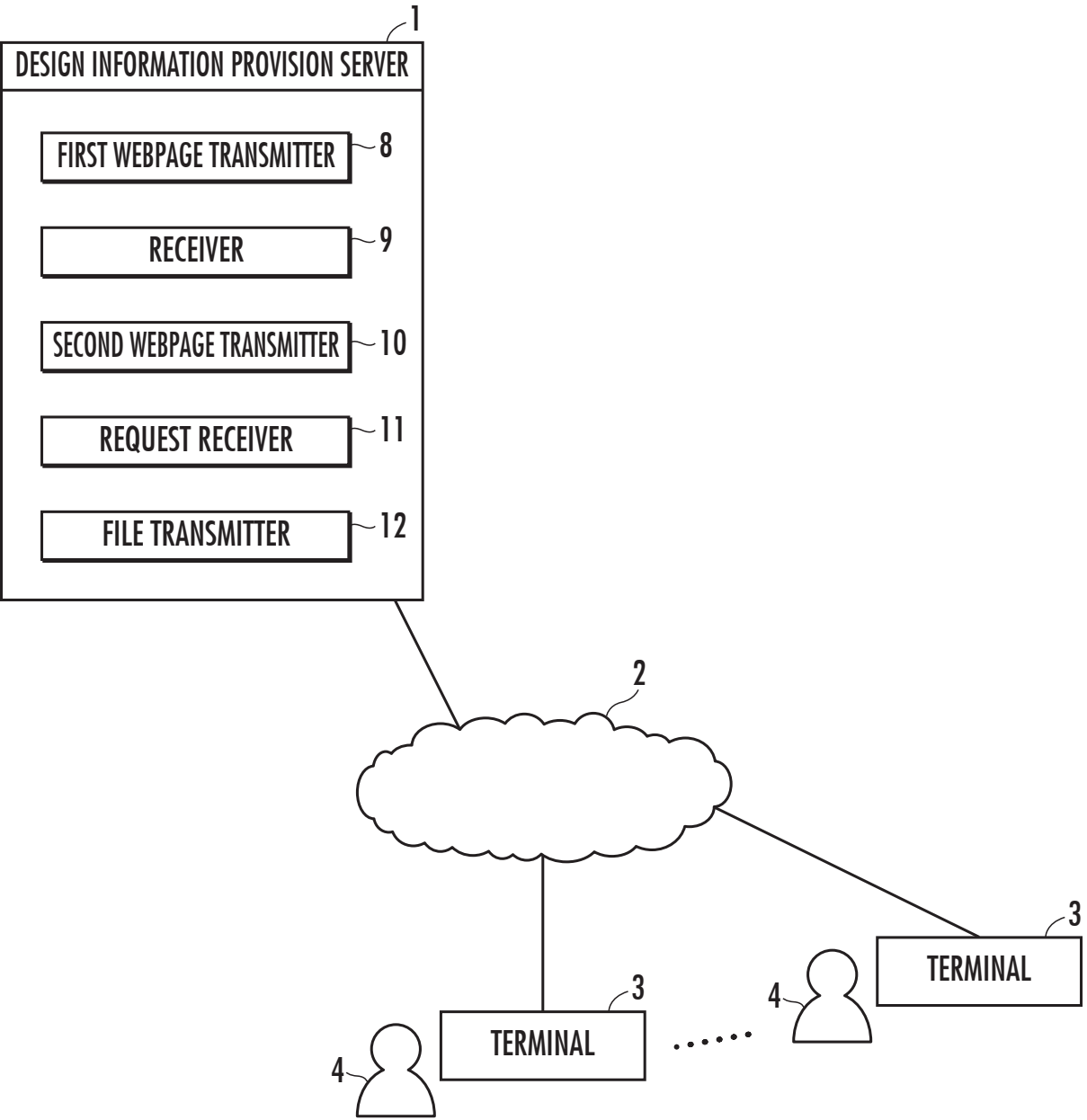


FIG.2

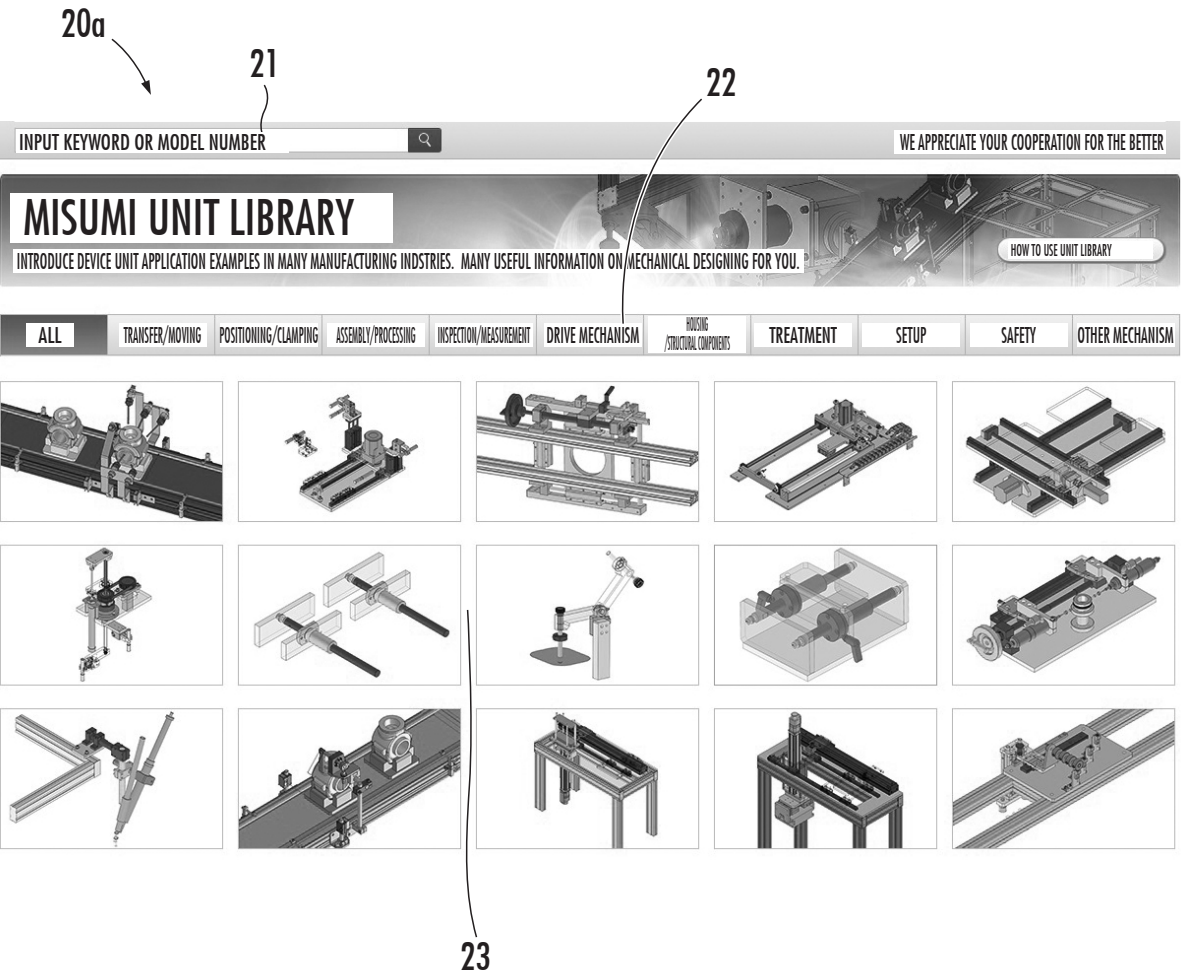


FIG.3

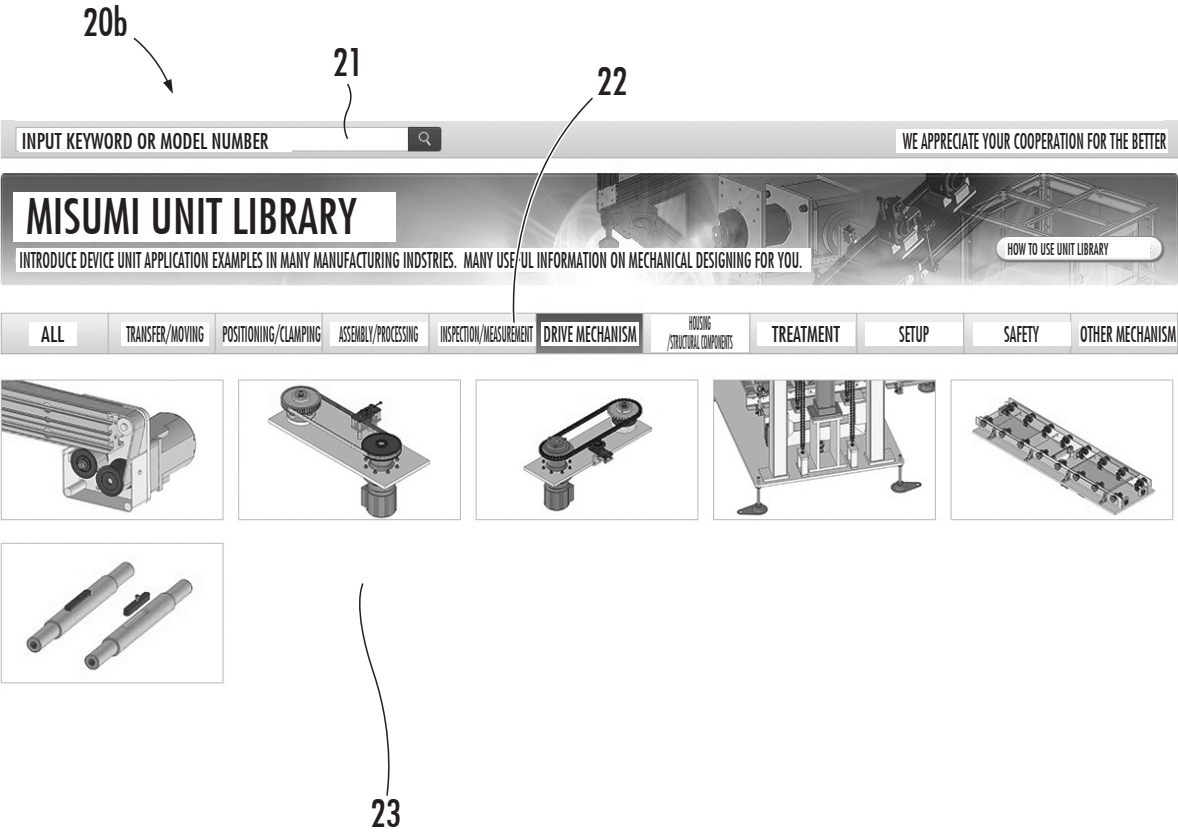


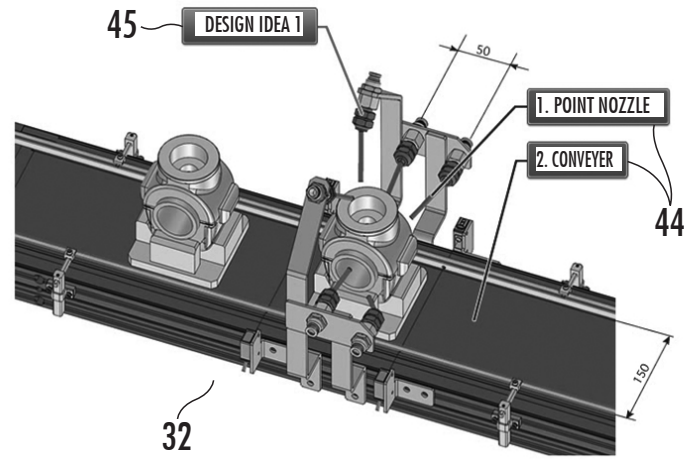
FIG.4

UNIT LIBRARY TOP> EXAMPLE NO. 0001 AIR-BLOW STEP IN DELIVERY BY CONVEYER

MISUMI UNIT LIBRARY

INTRODUCE DEVICE UNIT APPLICATION EXAMPLES IN MANY MANUFACTURING INDUSTRIES. MANY USEFUL INFORMATION ON MECHANICAL DESIGNING FOR YOU.

APPLICATION EXAMPLE NO. 0001
APPLICATION EXAMPLE NAME: AIR-BLOW STEP IN DELIVERY BY CONVEYER



FEATURES

- AIR-BLOW IS POSSIBLE WITHOUT STOPPING IN THE MIDDLE OF DELIVERY BY CONVEYER
- SUITABLE FOR RELATIVELY-COMPLICATED SHAPE WITH MANY NON-PENETRATING HOLES AND RECESSES
- ADJUSTABLE NOZZLE TIP END ANGLE WITHIN $\pm 30^\circ$

TARGET WORKPIECE

- RAISED-RECESSED WORKPIECE WITH COMPLICATED SHAPE (DIE-CAST COMPONENTS, RESIN MOLDED COMPONENTS)

DESIGN POINTS

- CONSIDERATION IN NOZZLE ARRANGEMENT ACCORDING TO WORKPIECE SHAPE
- CONSIDERATION IN REDUCTION IN AIR CONSUMPTION (NOZZLE QUANTITY/DIAMETER)
- PHOTOELECTRIC SENSOR ATTACHED FOR AIR-BLOW ONLY DURING WORKPIECE DETECTION
 - (1) SENSOR ARRANGEMENT IN FRONT-BACK DIRECTION WITH RESPECT TO MOVEMENT DIRECTION
 - (2) SENSOR ARRANGEMENT IN OBLIQUE DIRECTION WITH RESPECT TO MOVEMENT DIRECTION
- SUITABLE FOR CONVEYER DELIVERY SYSTEM, FOR EXAMPLE
- PROVIDE AIR PRESSURE ADJUSTMENT REGULATOR AS NECESSARY
- NEED CONSIDERATION IN COVER INSTALLATION FOR NOISE AND SCATTER PREVENTION
- PROVIDE SPEED CONTROLLER FOR AIR FLOW ADJUSTMENT AS NECESSARY.

※ IN THE UNIT APPLICATION EXAMPLE IMAGE VIEW ABOVE, PRODUCTS IN MISUMI COMPONENT LIST IS DISPLAYED IN BLUE (MAIN COMPONENTS DESCRIBED IN DETAIL ARE DISPLAYED IN RICH BLUE). TARGET WORKPIECE IS DISPLAYED IN YELLOW, IF ANY.

MISUMI COMPONENT LIST

CHECK COMPONENT POSITION IN APPLICATION EXAMPLE

MISUMI COMPONENT LIST DOWNLOAD (CSV)

CAD DOWNLOAD (COMPOSITE COMPONENT)

CAD DOWNLOAD (SEPARATE COMPONENT SELECTION)

FIG.5

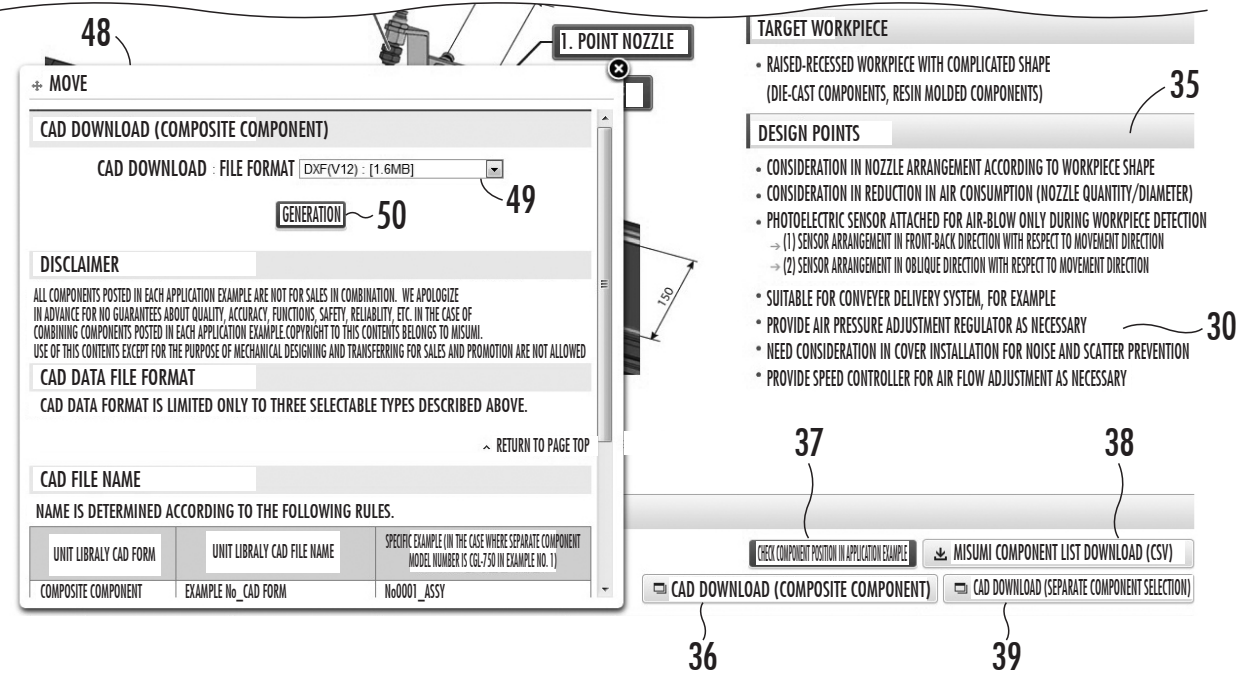


FIG.6

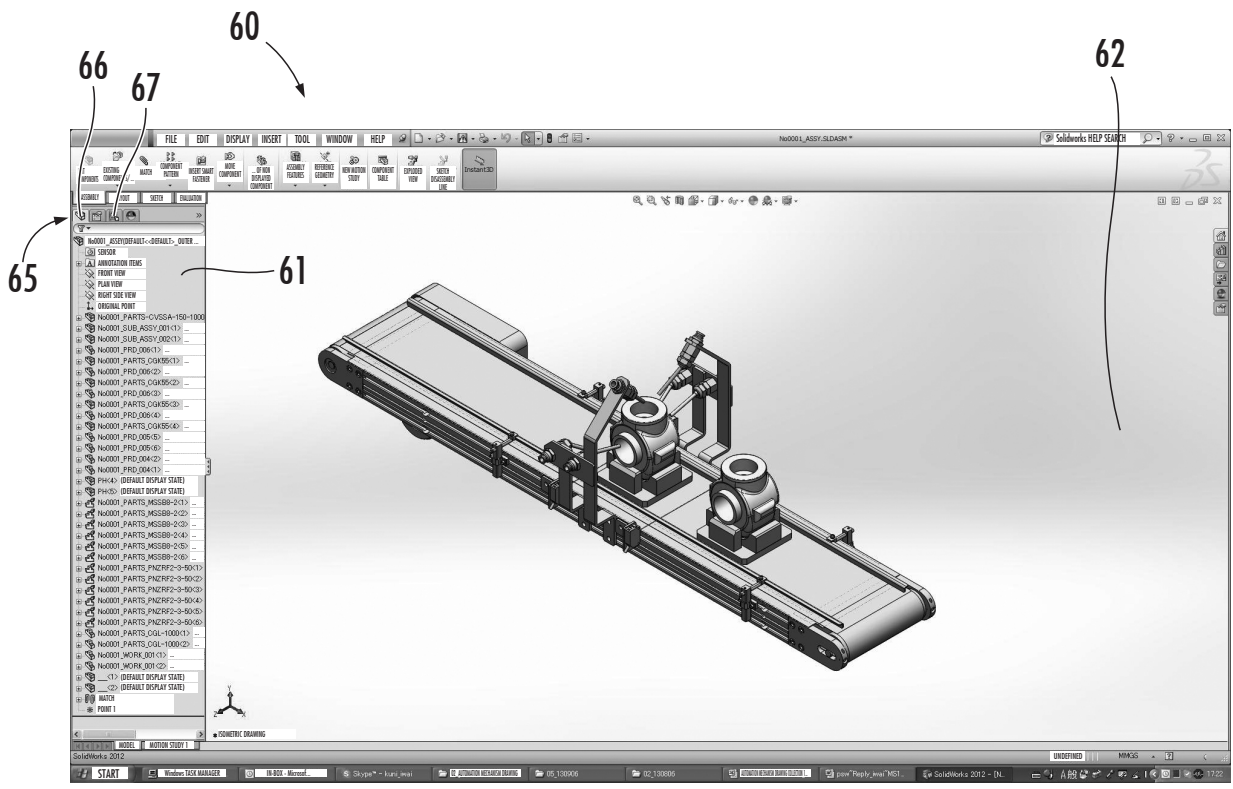


FIG.7

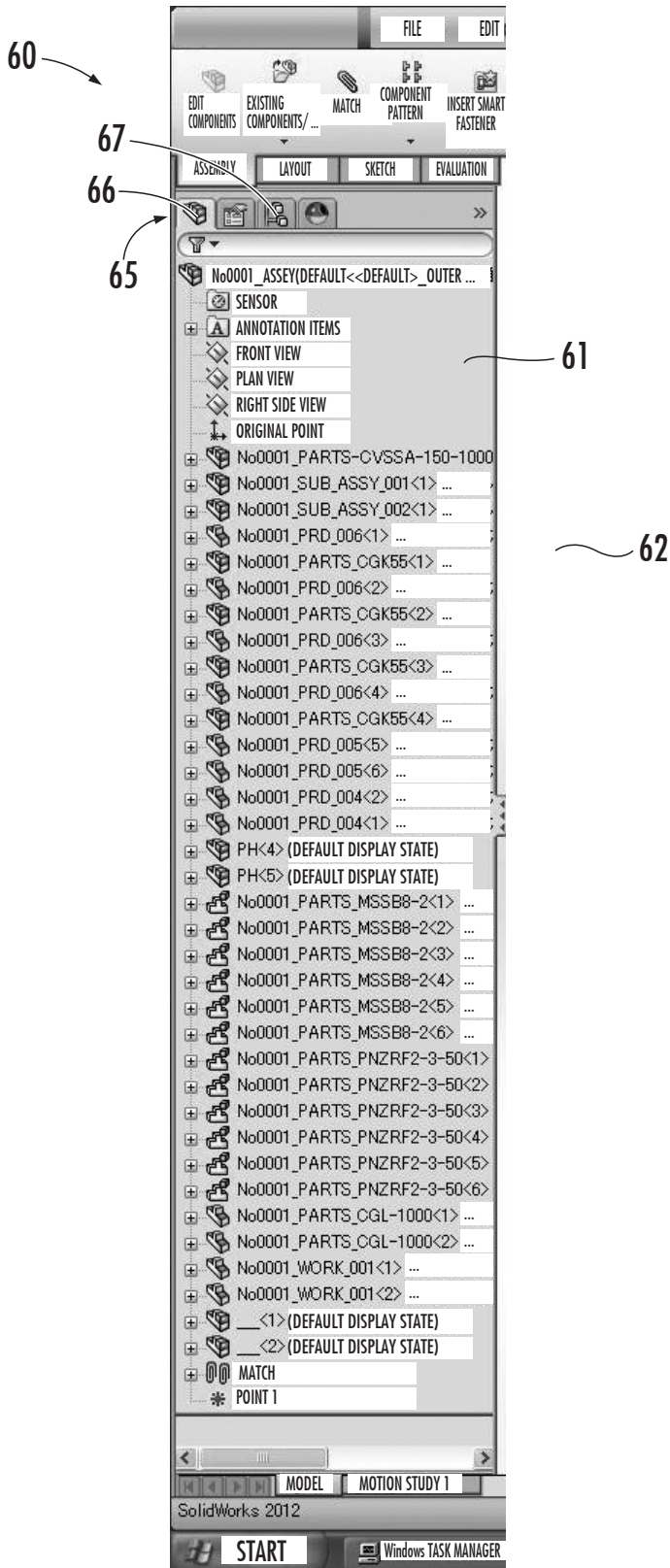


FIG.8

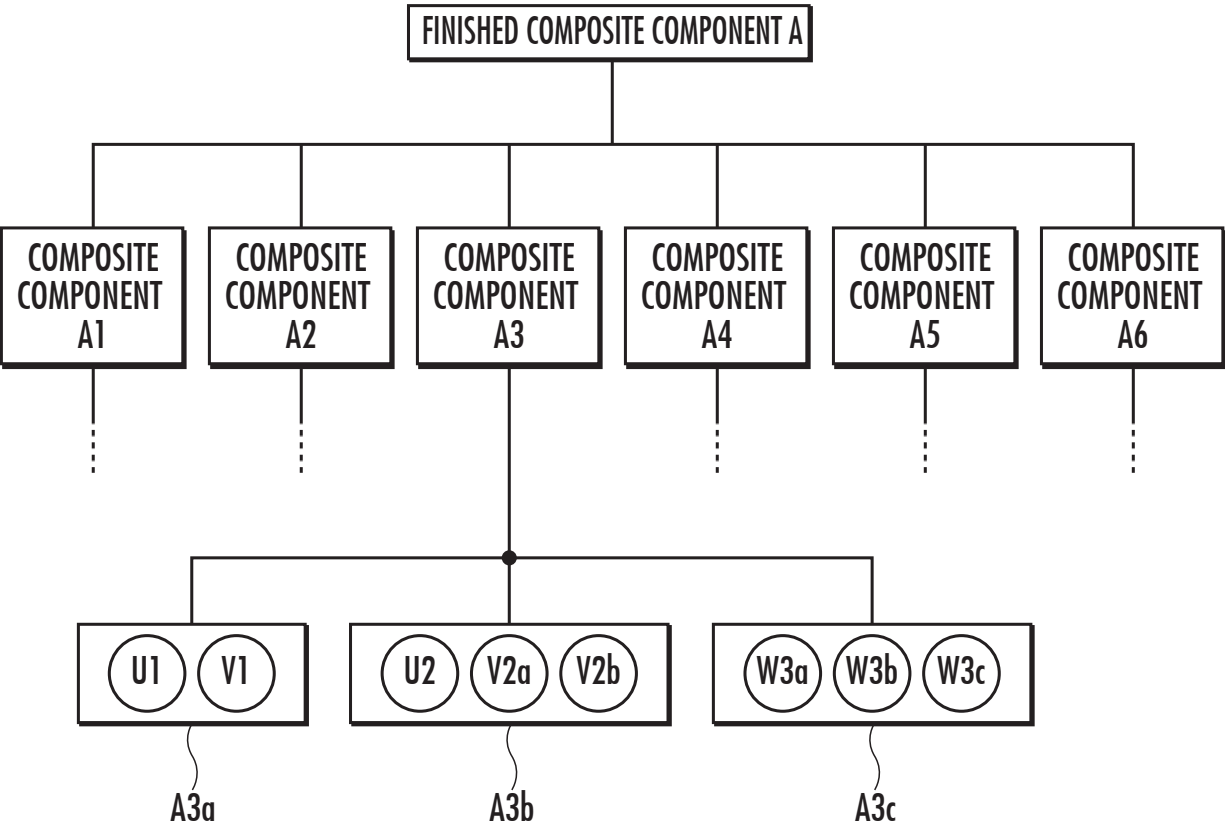


FIG.9

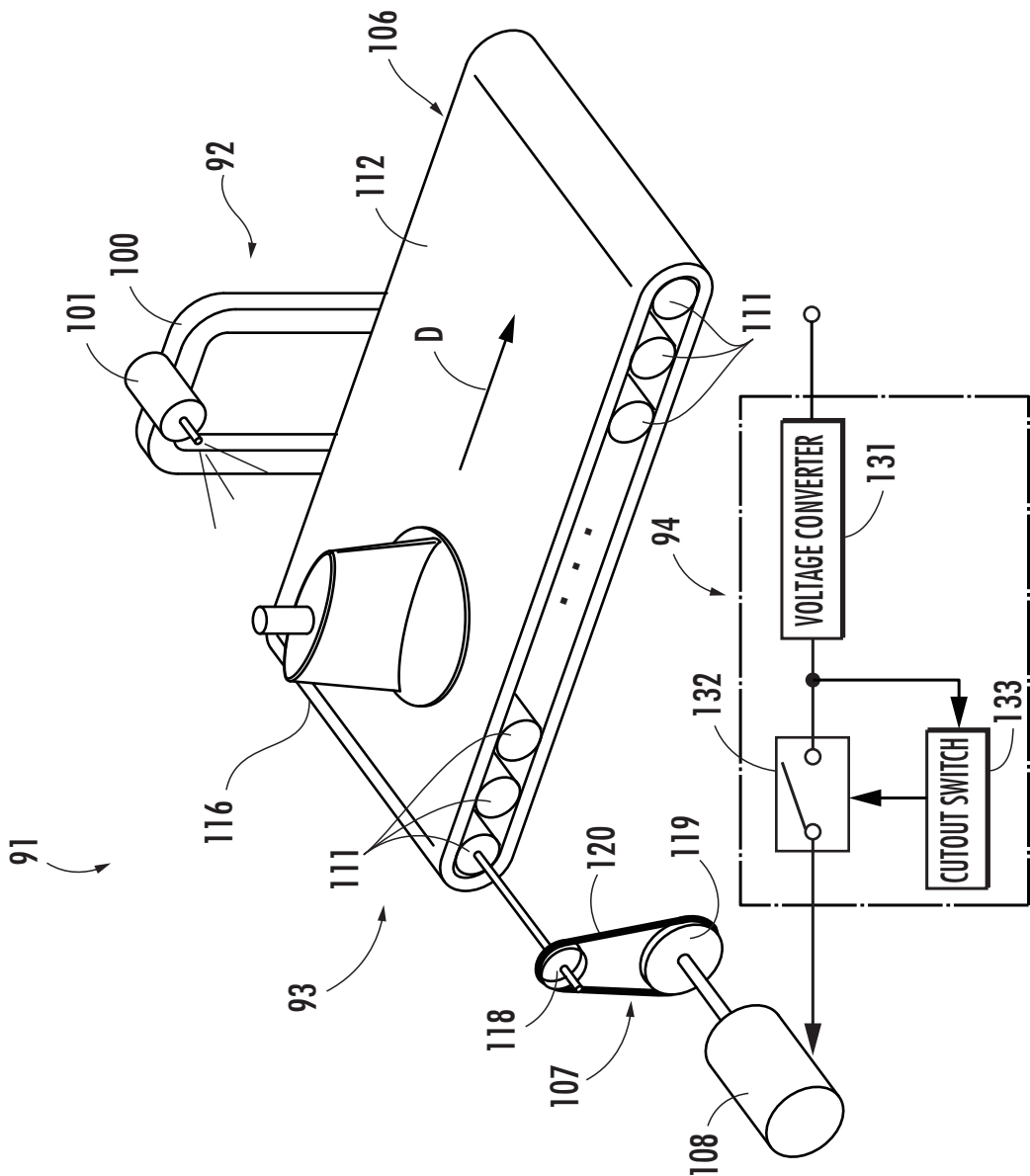


FIG.10

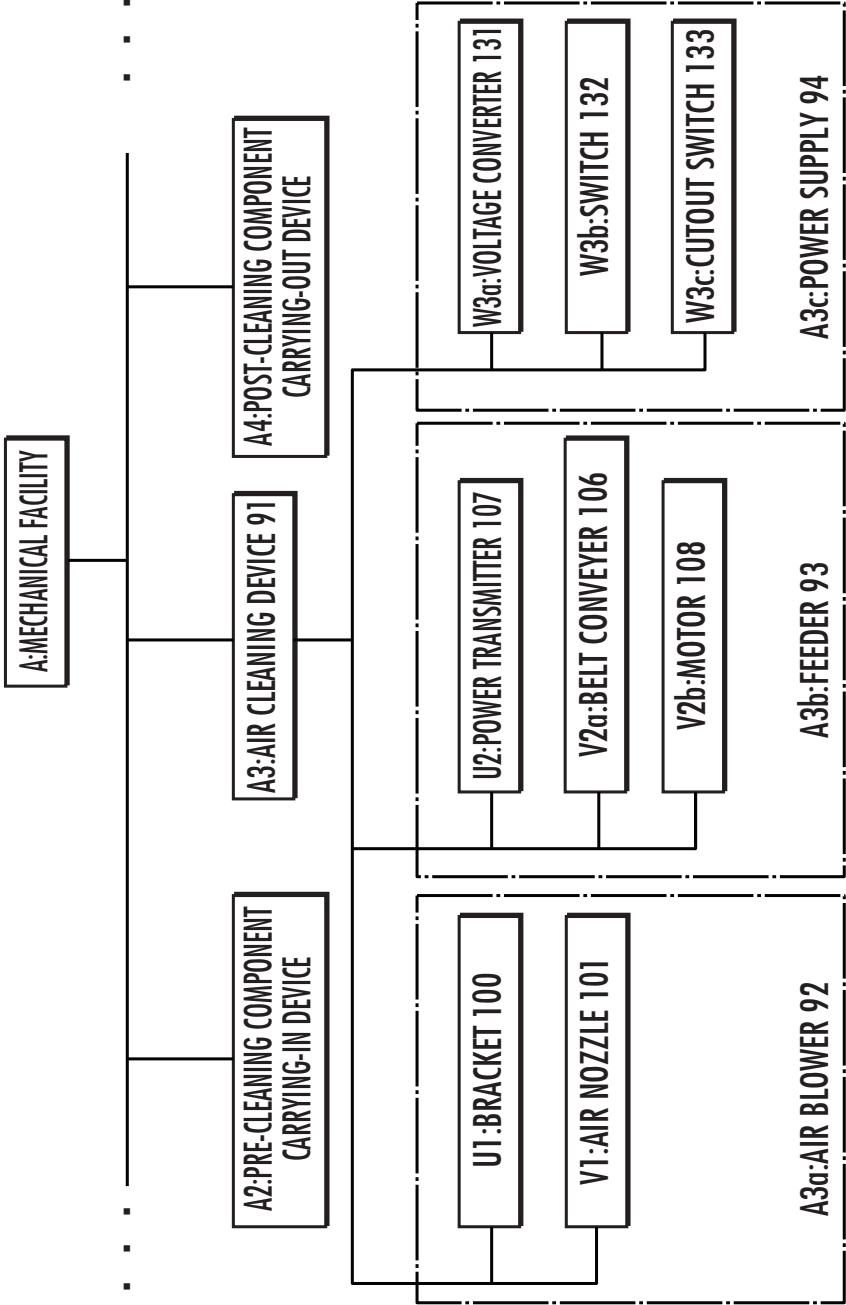


FIG.11

COMBINATION	P (U1)	Q(V1)
C11	p11	q11
C12	p12	q12
C13	p13	q13
C14	p14	q14

FIG.12

A3a:92

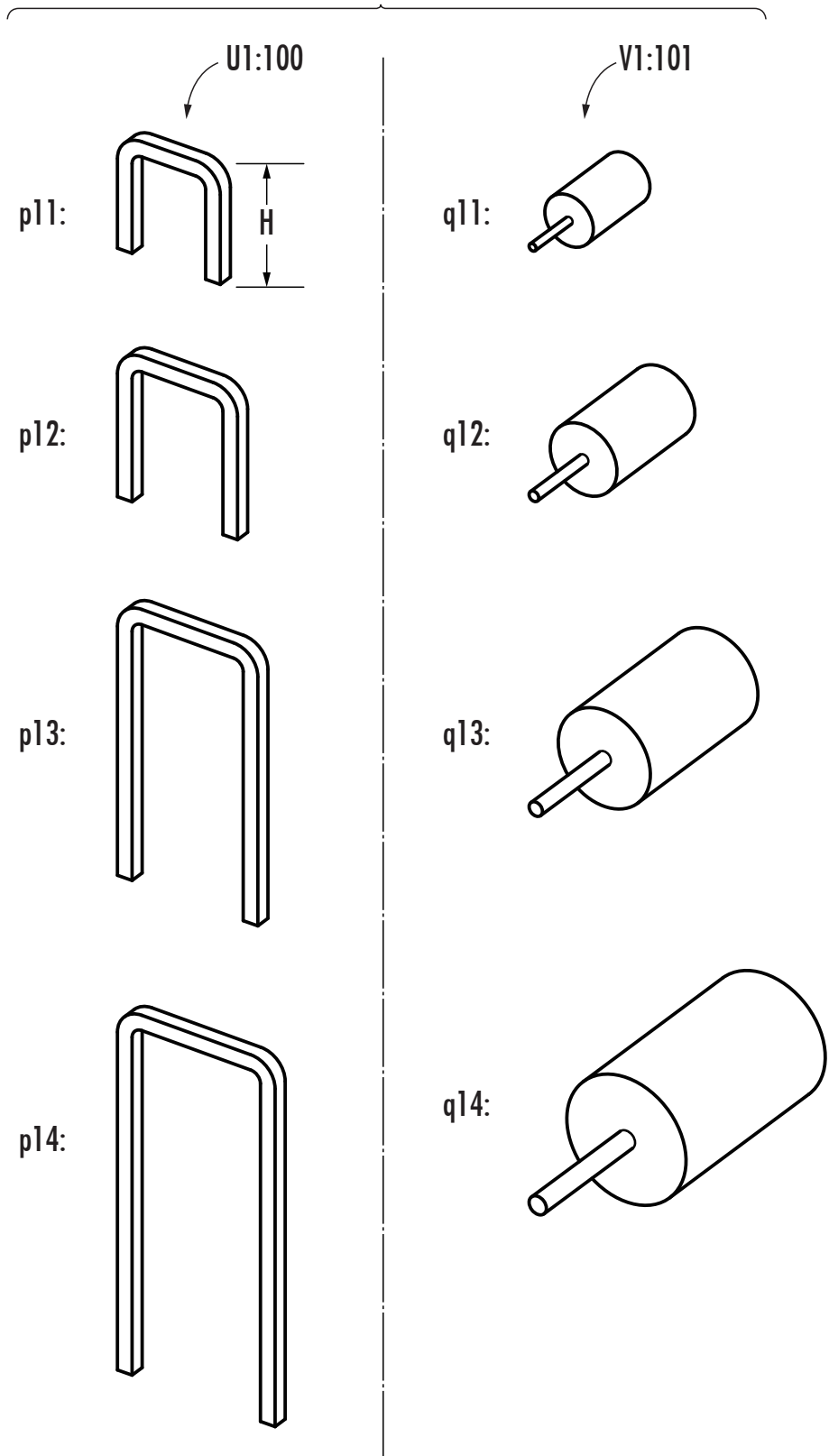


FIG.13

COMBINATION	P (U2)	Q (V 2a)	Q (V 2b)
C21	p21	q 2a1	q 2b1
C22	p22	q 2a2	q 2b1
C23	p23	q 2a3	q 2b2
C24	p24	q 2a3	q 2b3
C25	p25	q 2a4	q 2b4

FIG.14

A3b:93

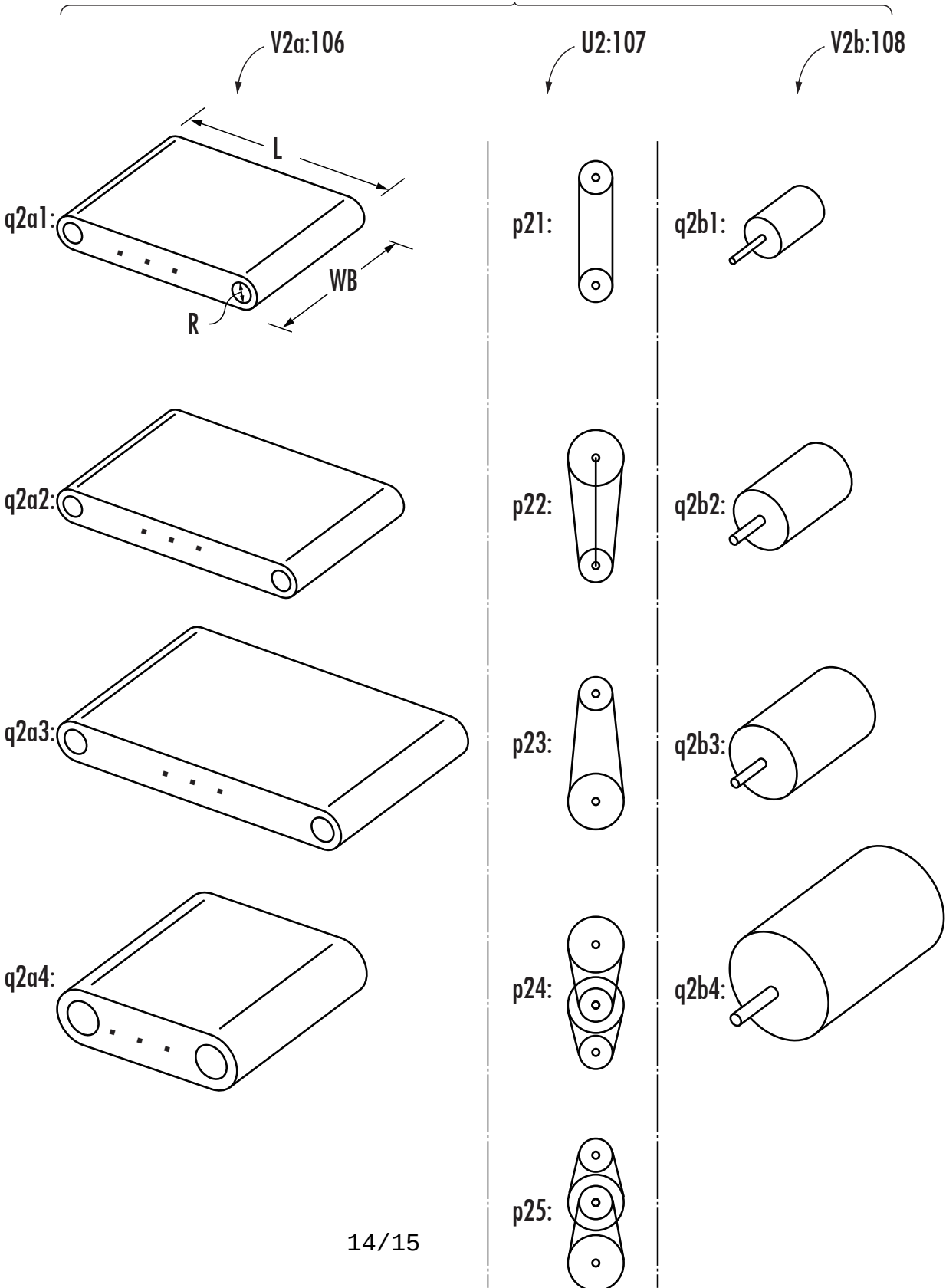


FIG.15

