

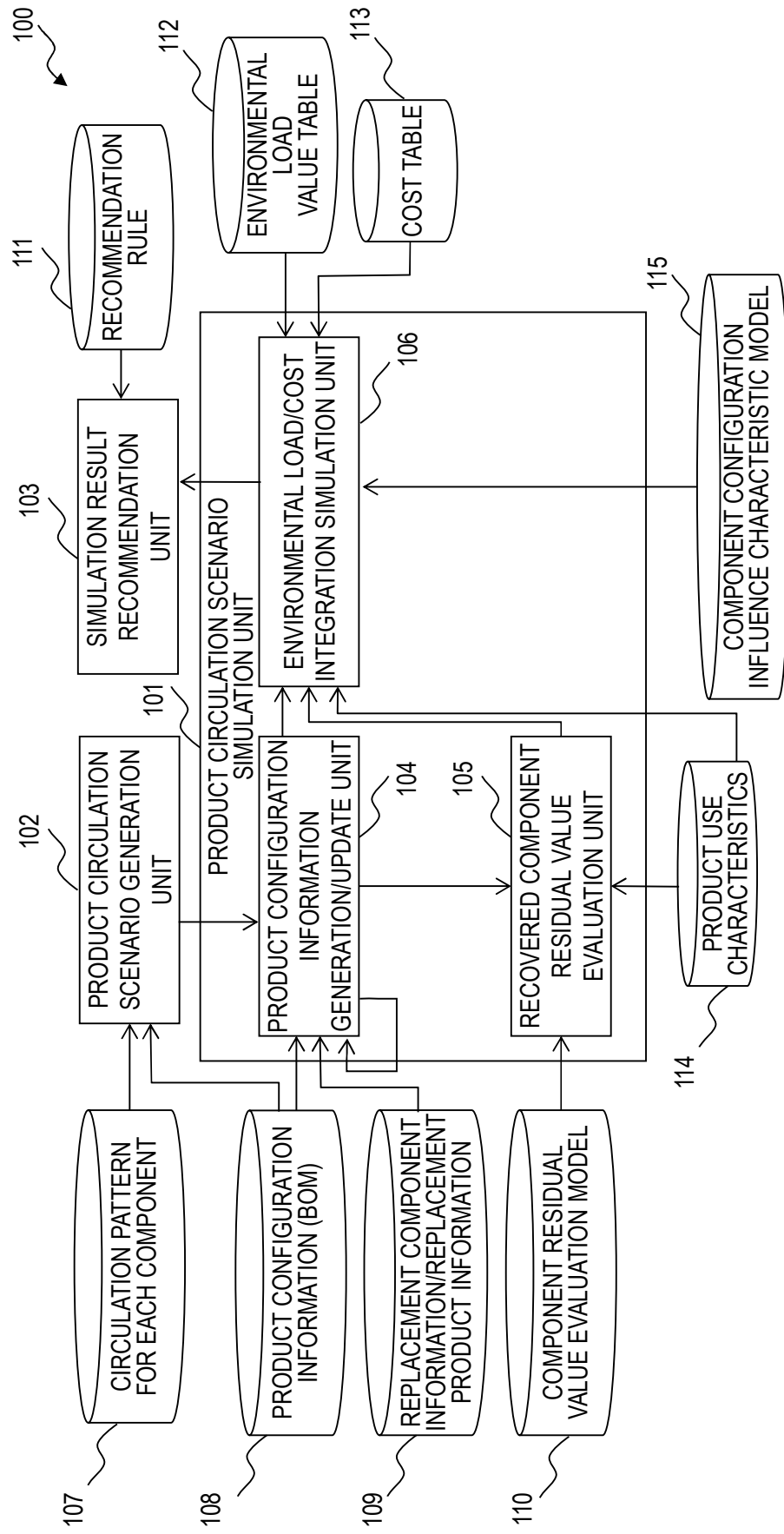


Fig. 1

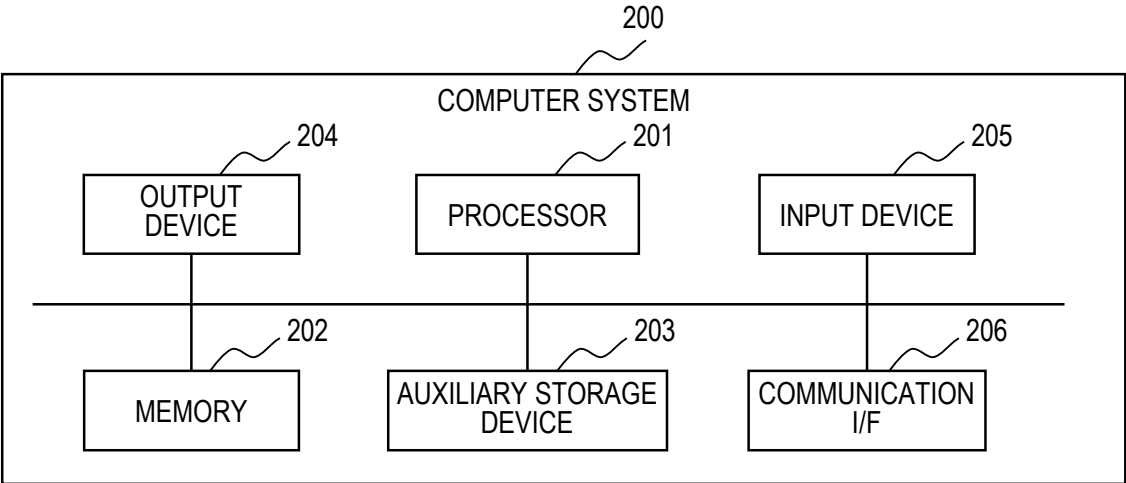


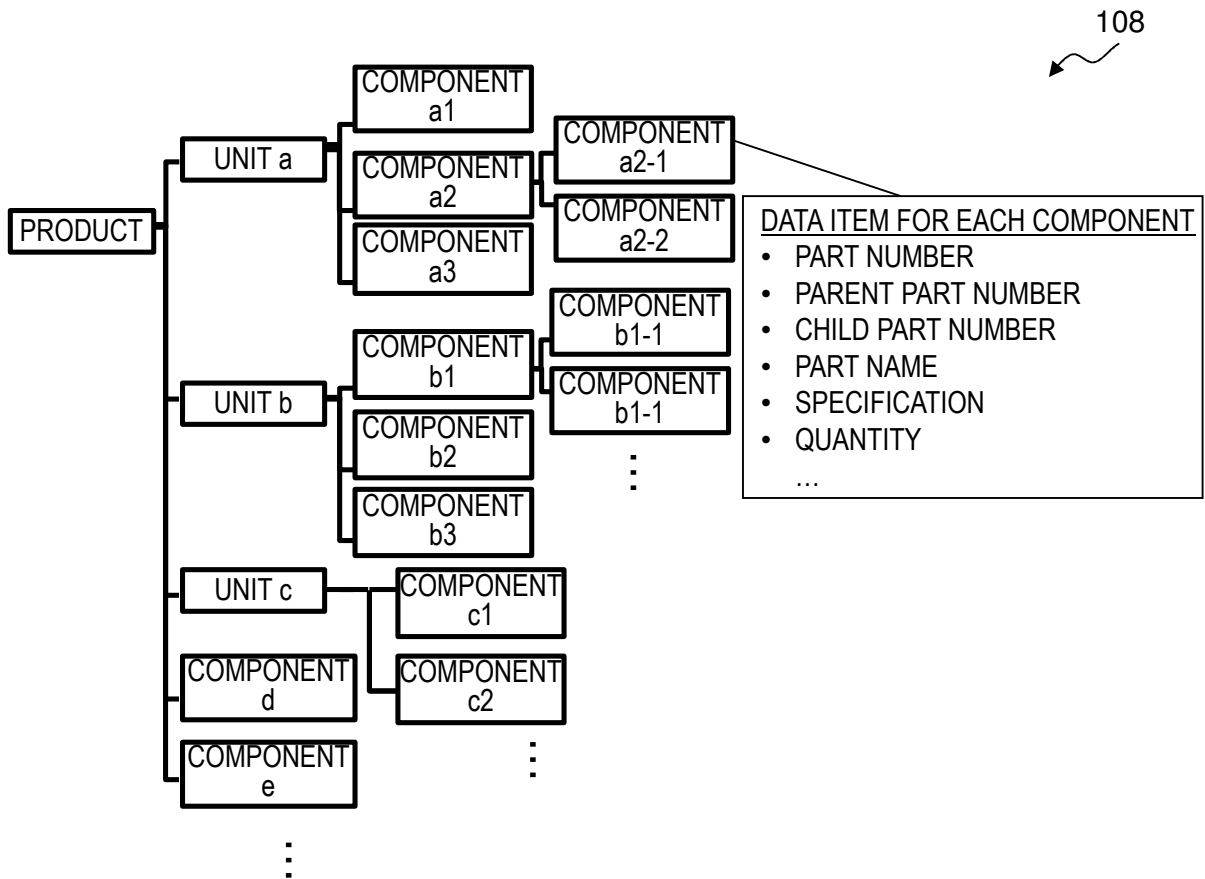
Fig. 2

CIRCULATION PATTERN FOR EACH PRODUCT

301 COMPONENT NAME	302 COMPONENT SPECIFICATION	303 CIRCULATION STRATEGY	304 CIRCULATION FREQUENCY	107 305 COMPONENT REPLACEMENT METHOD
COMPONENT a1		REMANUFAC- TURING	ONCE IN 3 YEARS	USE RECONDITIONED PART
COMPONENT a1		REMANUFAC- TURING	ONCE IN 6 YEARS	USE RECONDITIONED PART
⋮				
COMPONENT a2		REPAIR	5 YEARS, 3 YEARS, 1 YEAR (EVERY YEAR THEREAFTER)	---
COMPONENT a2		REMANUFAC- TURING	ONCE IN 5 YEARS	USE NEW PART
COMPONENT a2		REPAIR AND DISPOSAL	REPAIR IN 5 YEARS, THEN DISPOSE OF AFTER 5 YEARS	USE RECONDITIONED PART
⋮				

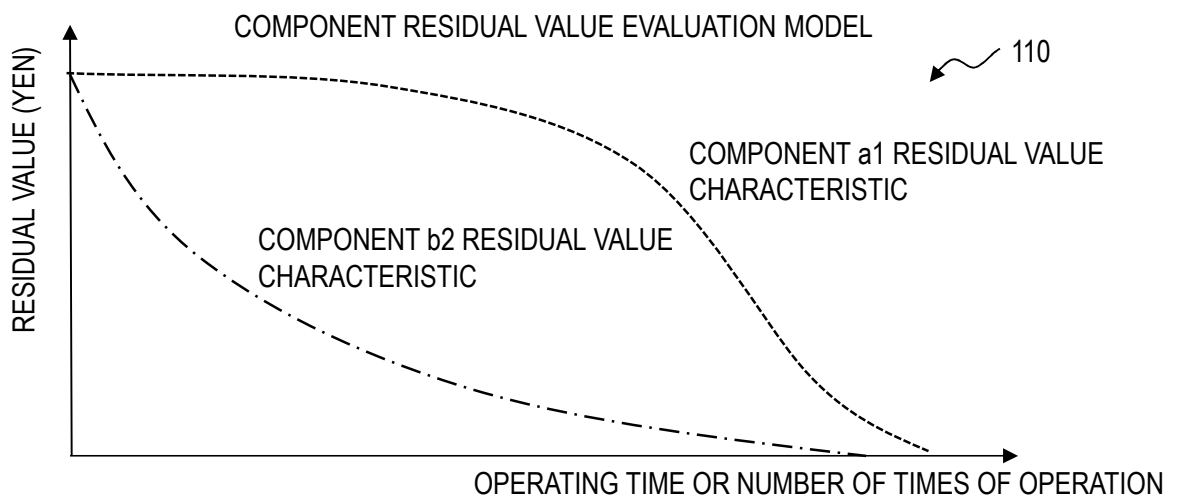
Fig. 3

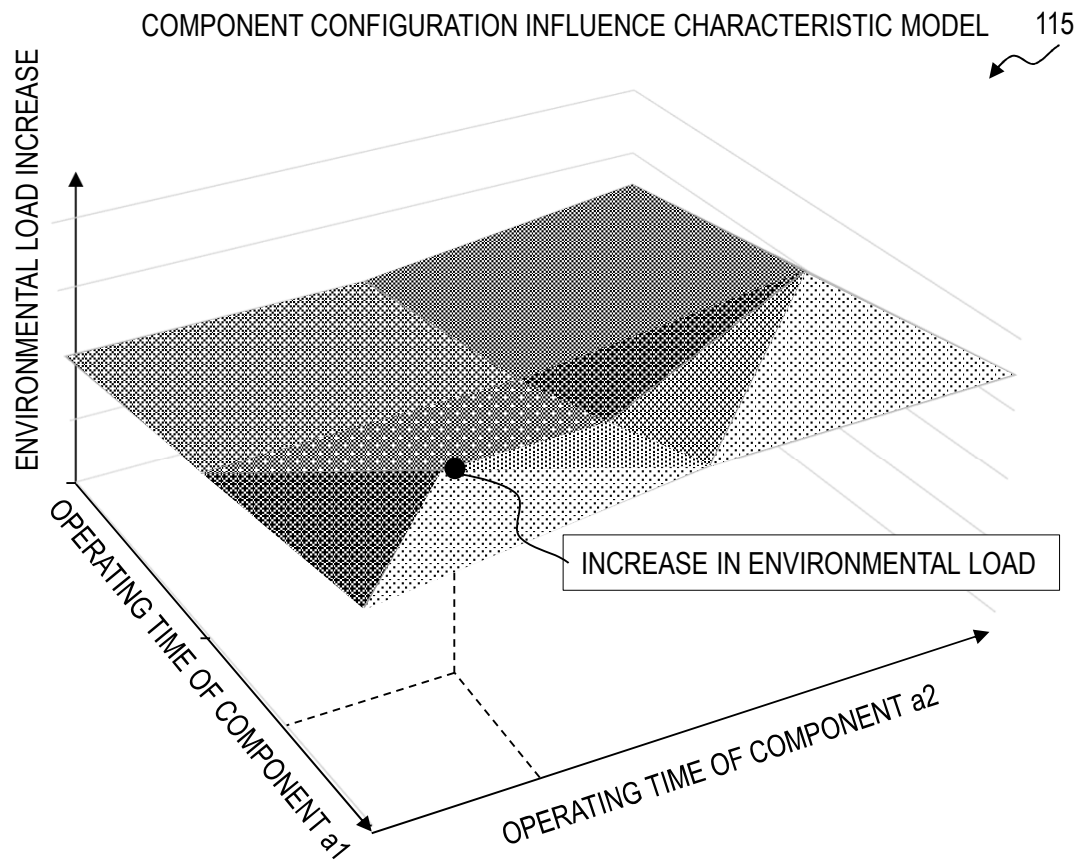
PRODUCT CONFIGURATION INFORMATION (BOM)

*Fig. 4*

REPLACEMENT COMPONENT INFORMATION/REPLACEMENT PRODUCT INFORMATION 109

501 COM- PONENT NAME	502 COM- PONENT SPECIFI- CATION	503 REPLACE- ABLE COM- PONENT NAME	504 REPLACE- MENT COM- PONENT SPECIFI- CATION	505 TYPE OF REPLACE- MENT COM- PONENT	506 REMAINING LIFE OF REPLACE- MENT COM- PONENT	507 QUALITY INFORMATION OF REPLACE- MENT COMPONENT
COM- PONENT a1		COM- PONENT a1'		RECONDI- TIONED PART	XX YEARS	
COM- PONENT a1		COM- PONENT a1''		NEW PART	XX YEARS	
⋮						
COM- PONENT a2		COM- PONENT a2'		RECONDI- TIONED PART		
COM- PONENT a2		COM- PONENT a2''		REUSED PART		
COM- PONENT a2		COM- PONENT a2'''		NEW PART		
⋮						

Fig. 5*Fig. 6*

*Fig. 7*

PRODUCT USE CHARACTERISTICS

PRODUCT PART NAME	OPERATING TIME	OPERATION FREQUENCY	NUMBER OF TIMES OF OPERATION
UNIT a			
UNIT b			
⋮			

Fig. 8

ENVIRONMENTAL LOAD VALUE TABLE

TYPE	CIRCULATION CONTENT	ENVIRONMENTAL LOAD VALUE
COMPONENT a1 REPLACEMENT	REMANUFACTURING (REPLACEMENT)	XXX
REMANUFACTURING OF REPLACEMENT COMPONENT FOR COMPONENT a1	REMANUFACTURING (COMPONENT REMANUFACTURING)	XXX
COMPONENT a1 DISPOSAL	DISPOSAL	XXX
⋮		

Fig. 9

COST TABLE

TYPE	CIRCULATION CONTENT	COST (YEN)
COMPONENT a1 REPLACEMENT	REMANUFACTURING COST	YYY
COMPONENT a1 REPLACEMENT COMPONENT COST	COST OF REPLACEMENT COMPONENT	YYY
COMPONENT a1 DISPOSAL	DISPOSAL COST	YYY
⋮		

Fig. 10

RECOMMENDATION RULE

RECOMMENDED SCENARIO NAME	RECOMMENDATION DETERMINATION
ENVIRONMENTAL LOAD MINIMIZING SCENARIO	CUMULATIVE ENVIRONMENTAL LOAD VALUE AFTER X YEARS IS MINIMUM
COST MINIMIZING SCENARIO	CUMULATIVE COST AFTER X YEARS IS MINIMUM
BALANCE SCENARIO	HARMONIZED AVERAGE OF CUMULATIVE ENVIRONMENTAL LOAD VALUE AND CUMULATIVE COST VALUE IS MINIMUM.
⋮	

Fig. 11

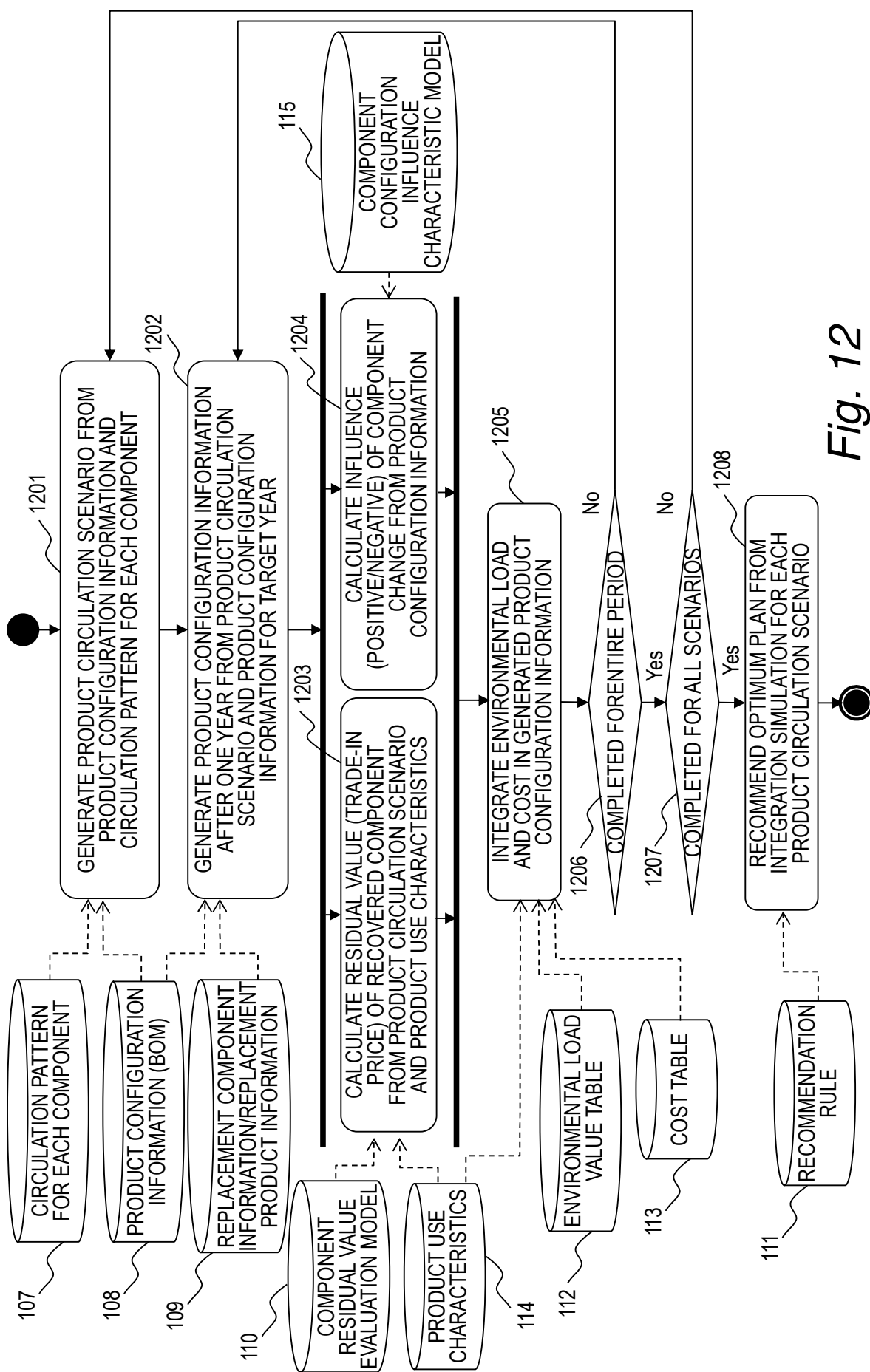


Fig. 12

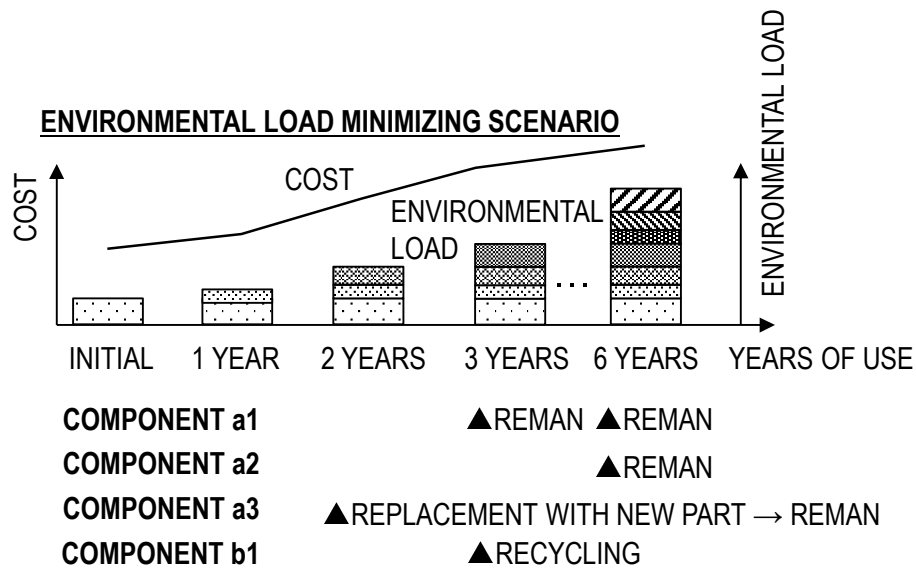


Fig. 13

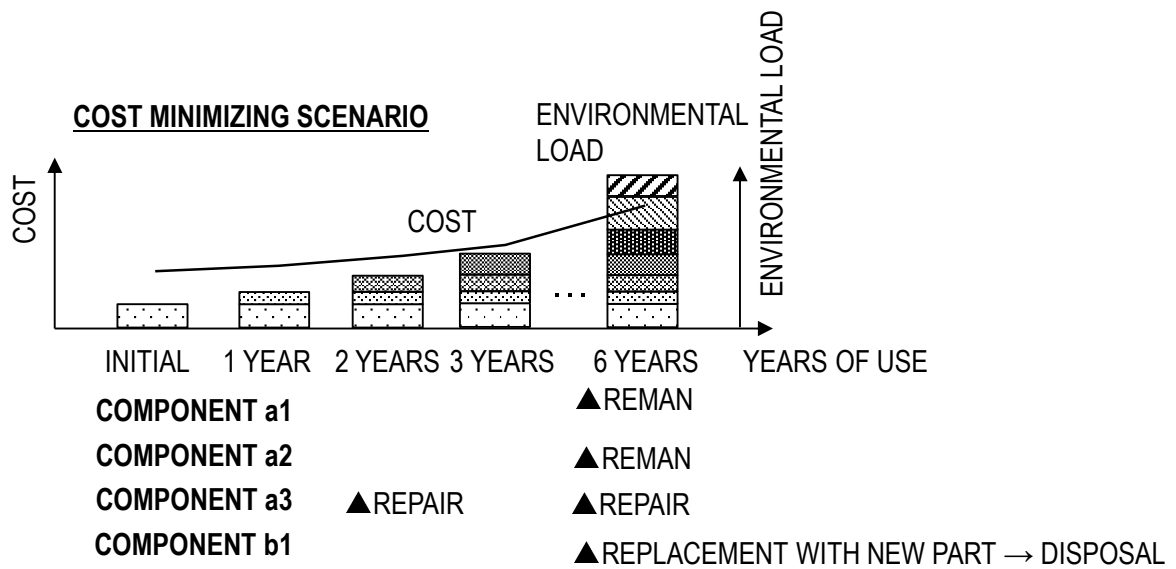


Fig. 14