

Fig.1

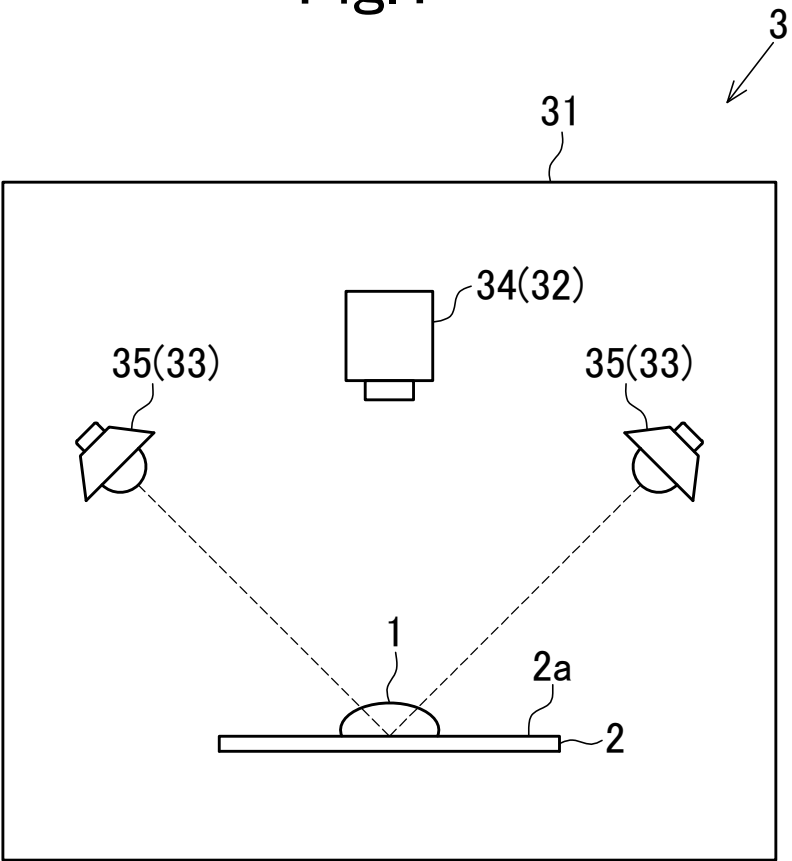


Fig.2

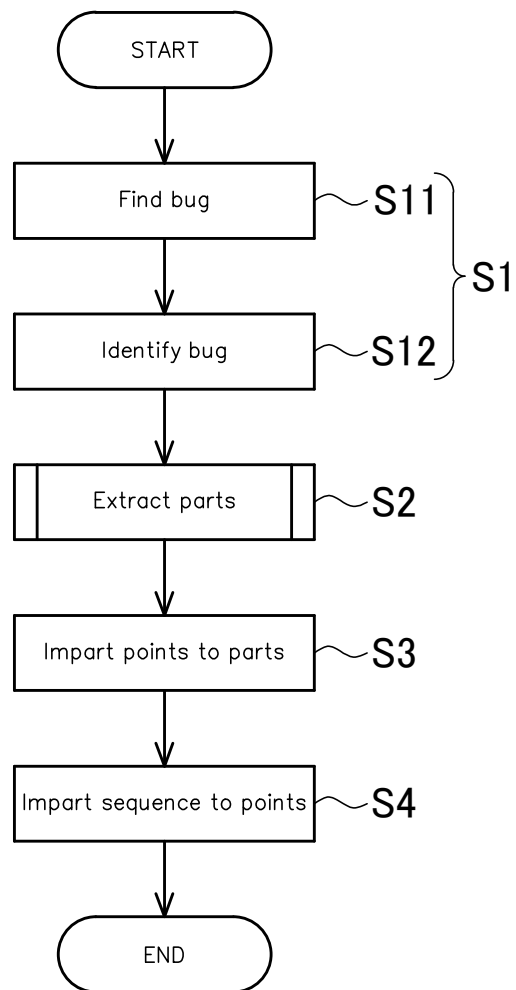


Fig.3 S2

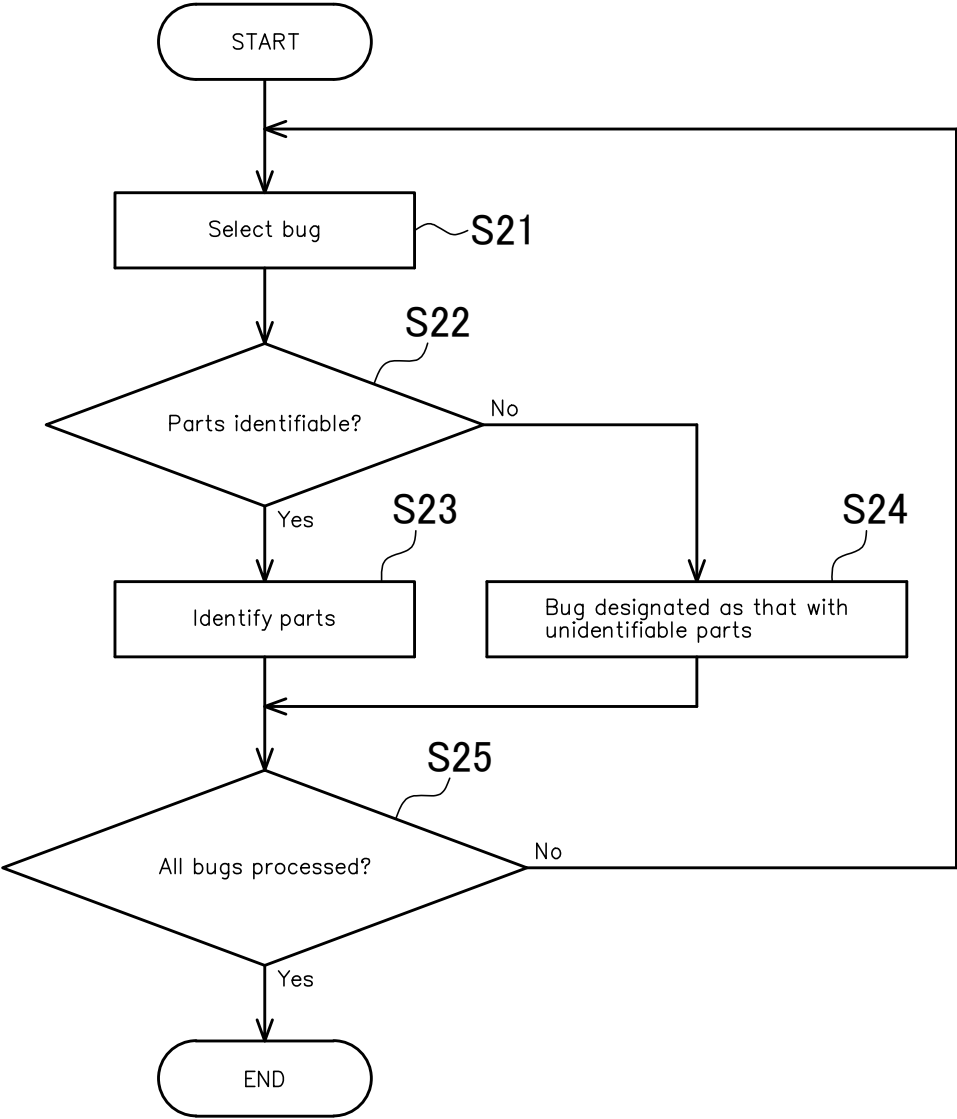


Fig.4

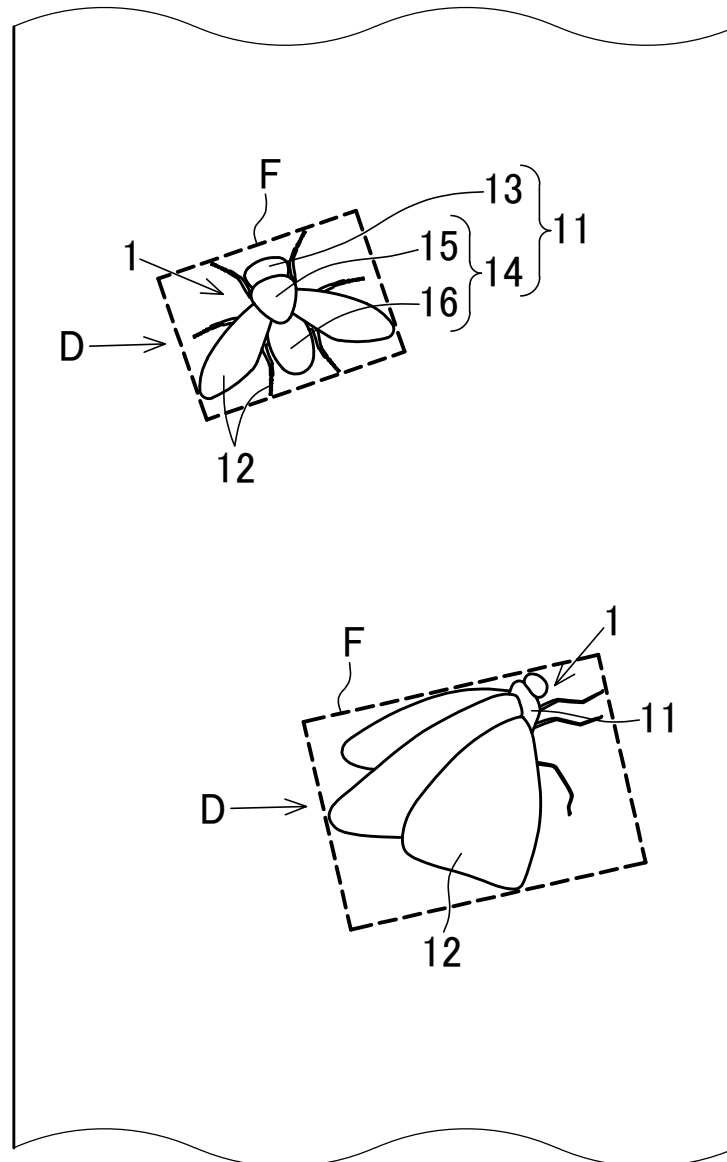


Fig.5A

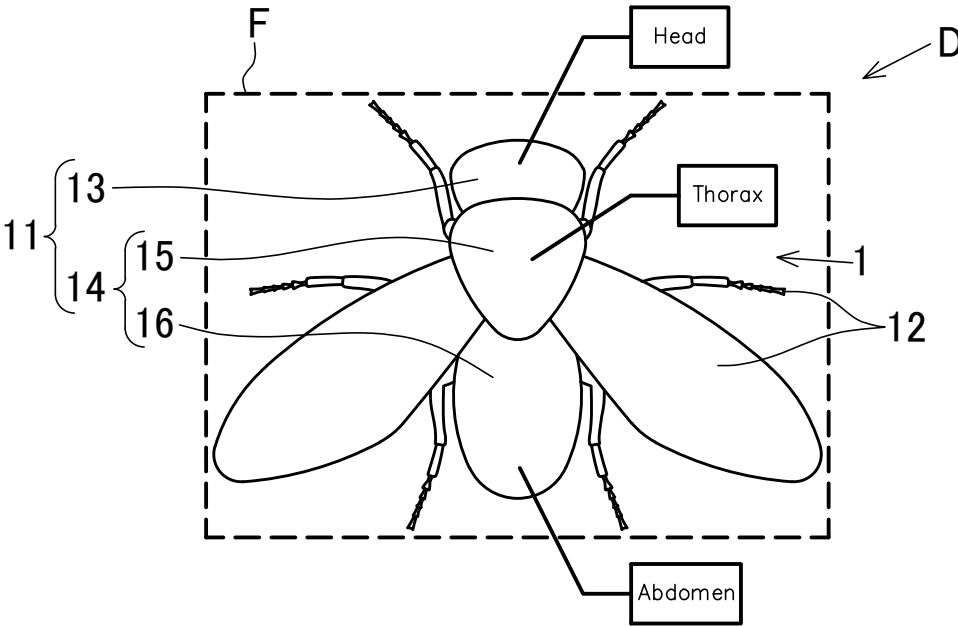


Fig.5B

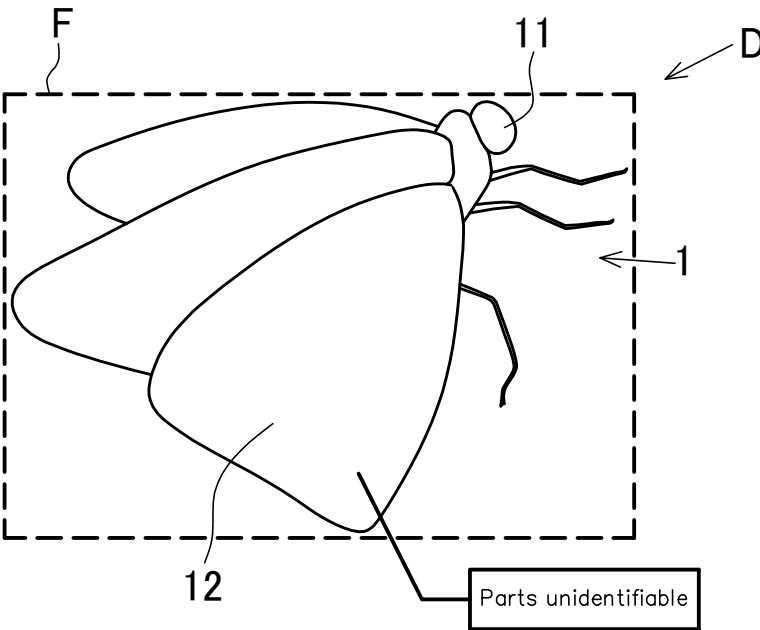


Fig.6A

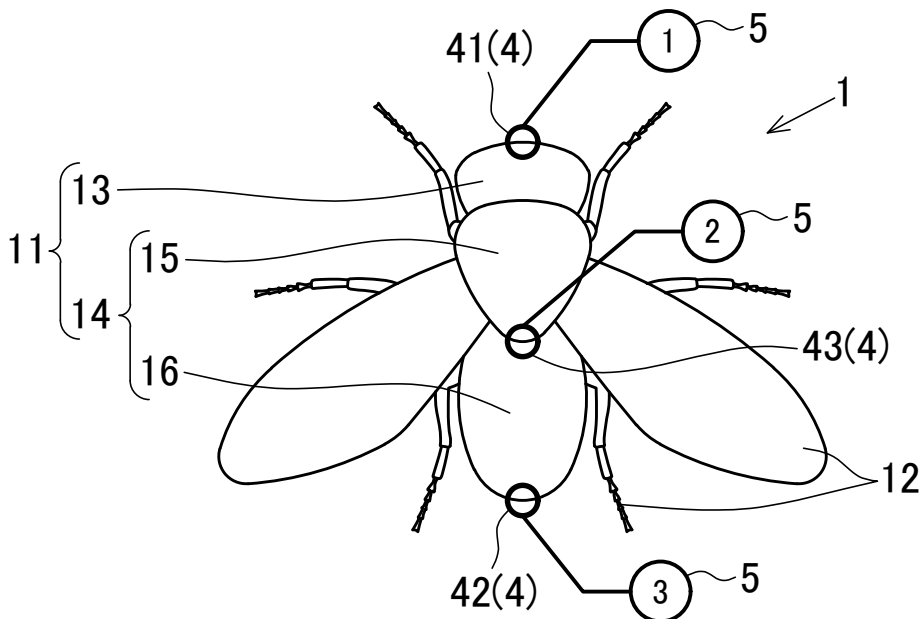


Fig.6B

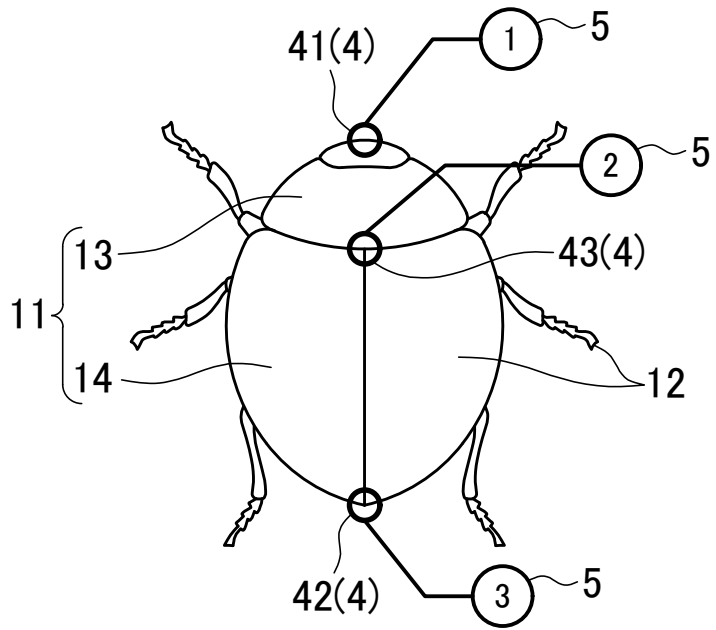


Fig.7

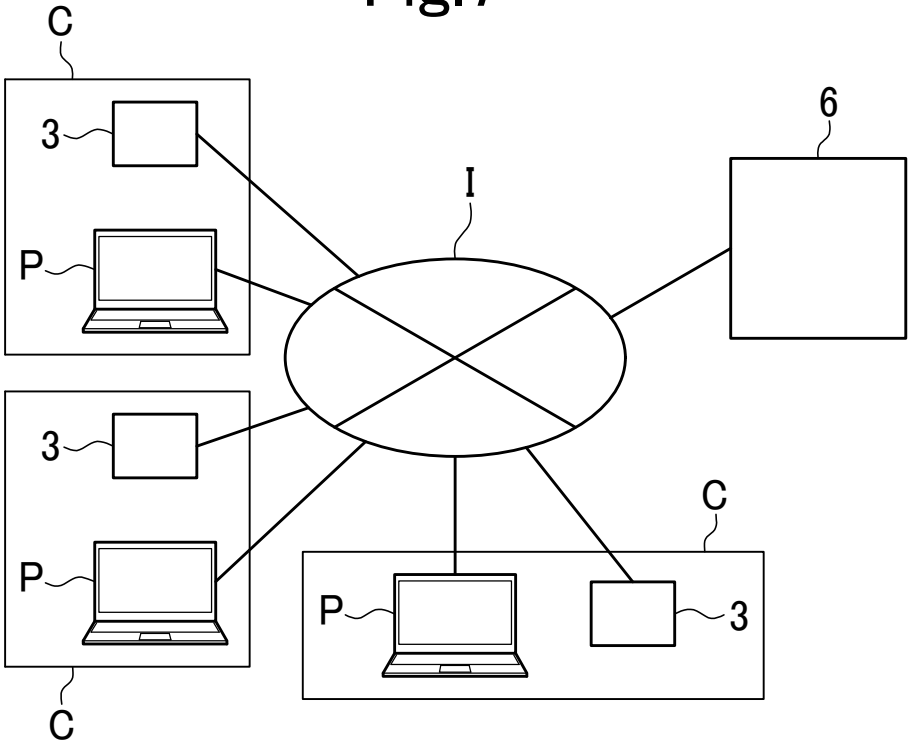


Fig.8

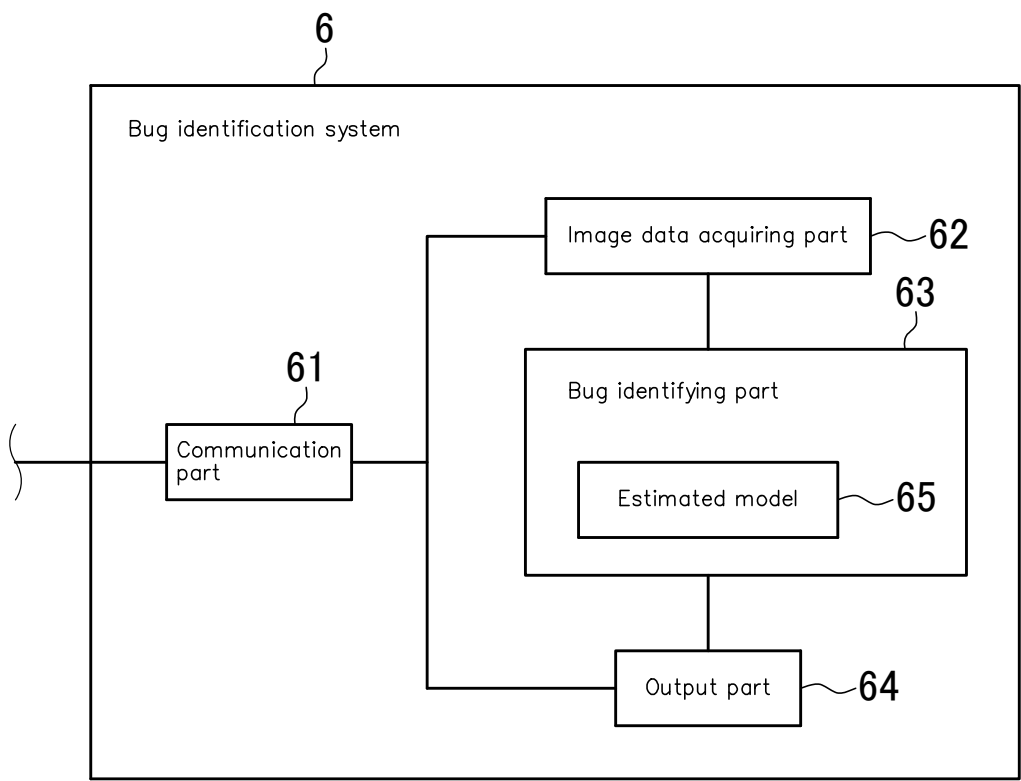


Fig.9

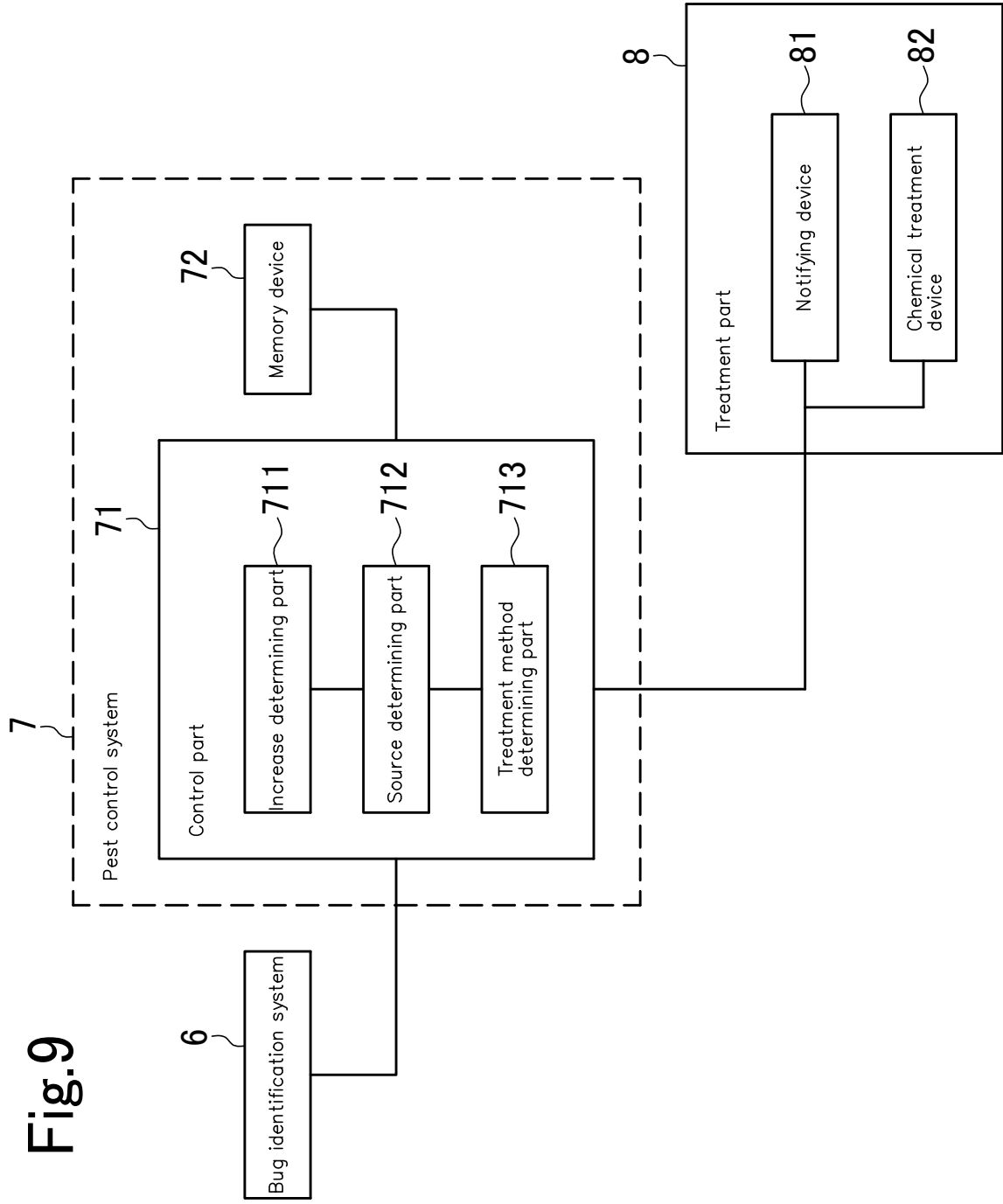


Fig.10

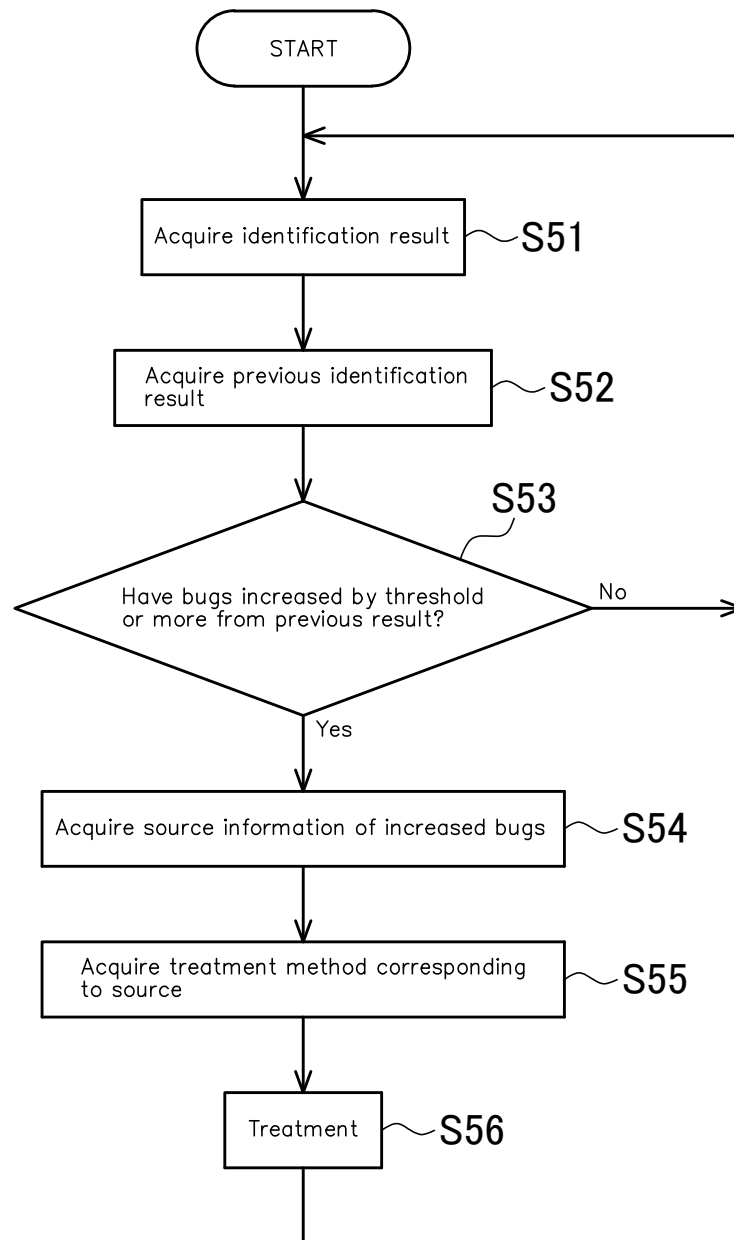


Fig.11

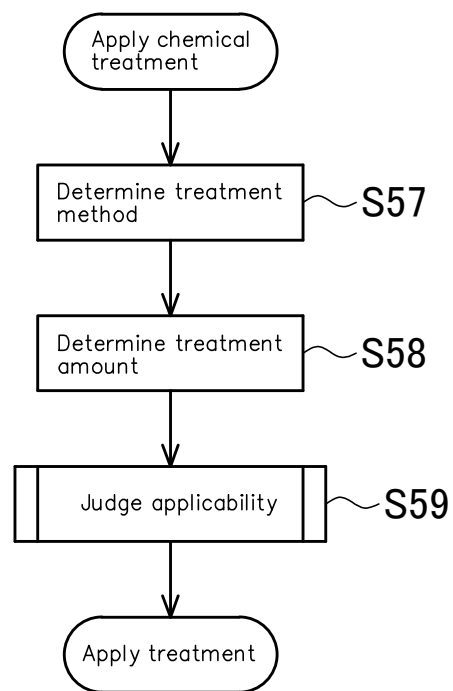


Fig.12

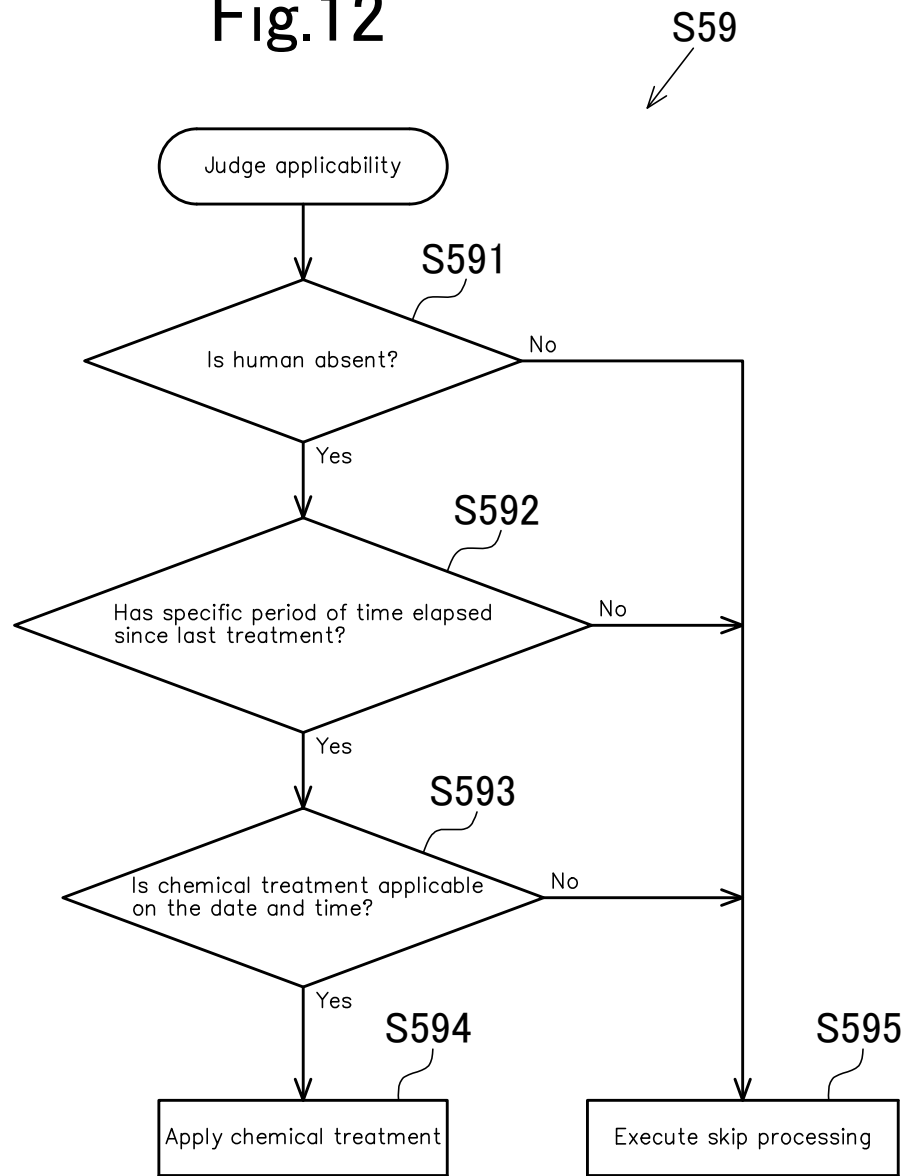


Fig.13

D4 { D41 D42 } T1 ↘

Invasion passage information	Source information		D1				Physical control	Chemical control
			a1	a2	a3			
Externally-invasive	Flying	Large Fly					- Confirm any dead bodies of animals as possible sources - Place bug screens - Confirm opening portions - Send caution on, e.g., period of time for which shutters are open	- Spray chemical agent in space at invasion part - Apply chemical agent spraying treatment to source
		Other	a4	a5	a6	a7	- Place bug screens - Confirm opening portions - Send caution on, e.g., period of time for which shutters are open - Instruct arrangement of light trap and LED switching light around building	- Spray chemical agent in space at invasion part - Apply chemical agent spraying treatment to source
	Wandering/Creeping		b1	b2	b3	b4	Place adhesive trap	- Apply chemical agent treatment around building - Apply preventive chemical treatment to invasive part
	Other		c1	c2			Confirm any passage through which invasion could occur	
Internally-occurring	Drainage and Water Section Derived		d1	d2	d3	d4	Remove source at drainage, water sections, etc.	- Apply chemical treatment for disinfection - Apply preventive chemical treatment to source
	Fungivorous		e1	e2	e3	e4	Clean and remove mold etc. as possible source	- Apply chemical treatment for disinfection - Apply preventive chemical treatment to source
	Indoor Dust and Food Derived		f1	f2	f3	f4	Clean and remove dust etc. as possible source	- Apply chemical treatment for disinfection - Apply preventive chemical treatment to source
	Insect-Preying		g1	g2	g3		Check occurrence of bugs as preys as possible source of occurrence or attraction	- Apply chemical treatment for disinfection - Apply preventive chemical treatment to source
	Heat Source and Gap Derived		h1				Instruct cleaning and removing food residue etc. as possible source of occurrence	- Apply chemical treatment for disinfection - Apply preventive chemical treatment to source
	Other		i1				Notify detection of bedbugs	- Apply chemical treatment for disinfection - Apply preventive chemical treatment

Fig.14

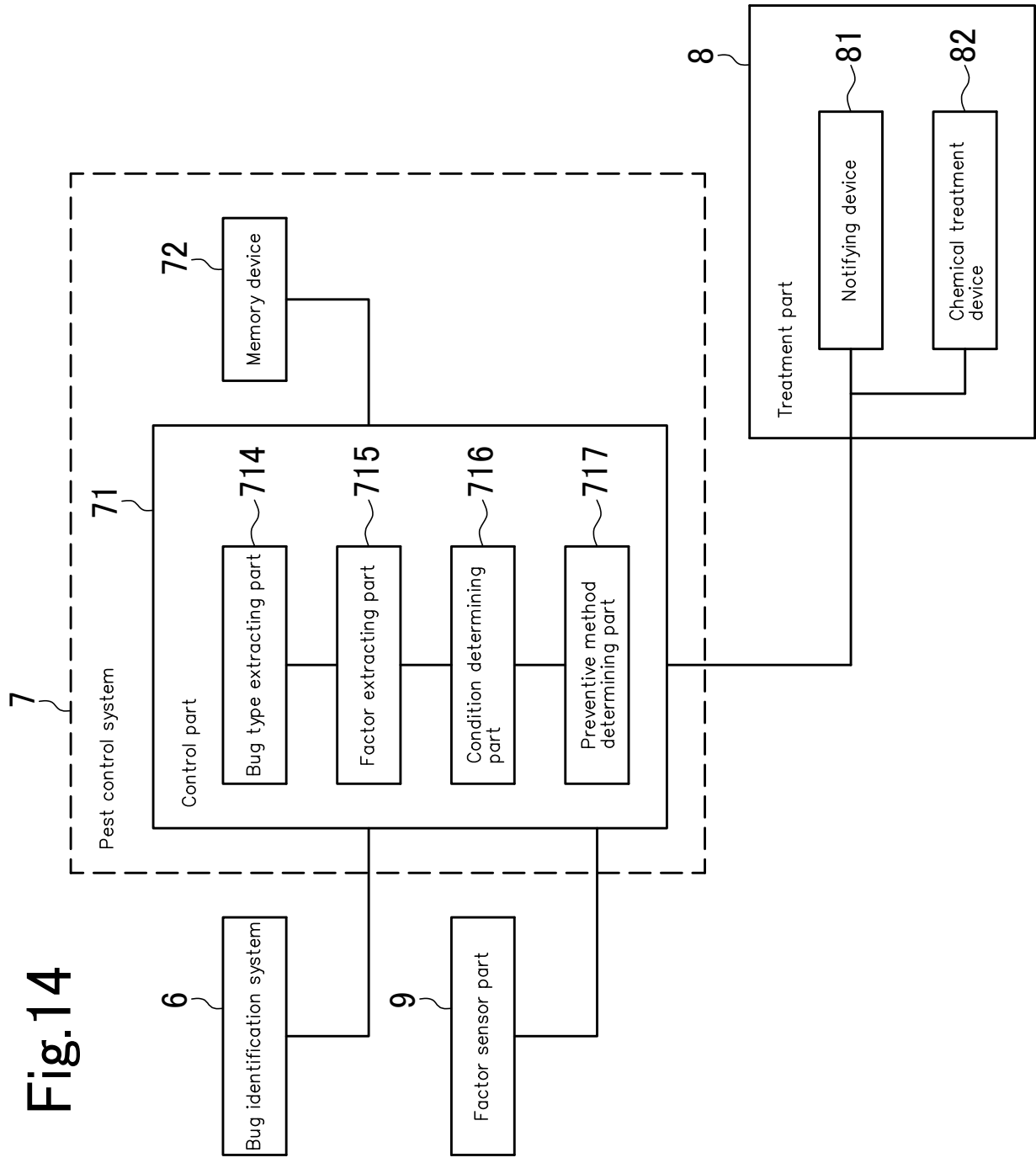


Fig.15

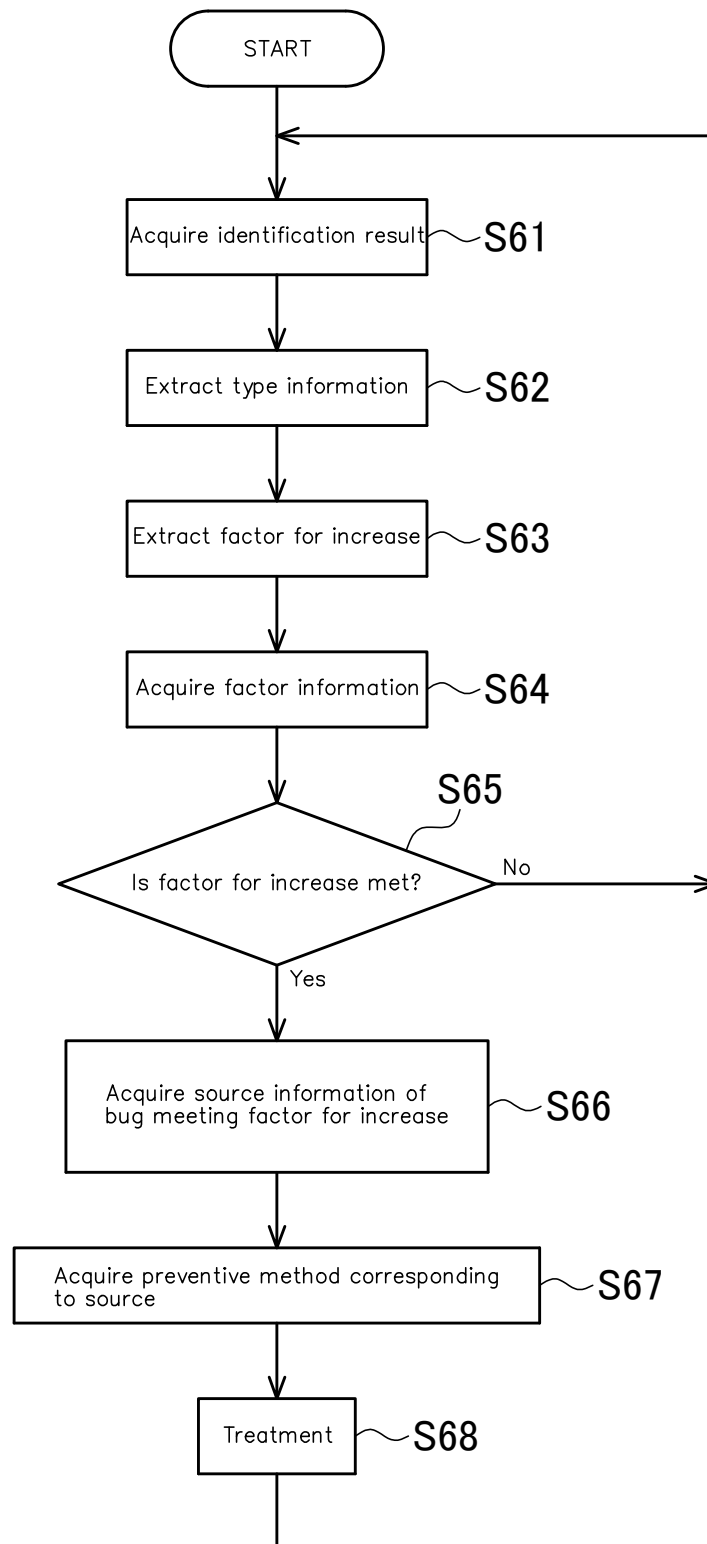


Fig.16

T2

D1		D5		D6		D7	
Type information		Developmental zero (degrees)		Effective accumulated temperature (day degrees)		Preventive condition	
a1		8		300		250 < effective accumulated temperature	
⋮		⋮		⋮		⋮	
a4		10		1450		1300 < effective accumulated temperature or 25 < average temperature	
⋮		⋮		⋮		⋮	
d1		6		200		150 < effective accumulated temperature	
d2		10		350		300 < effective accumulated temperature and average temperature < 20	
⋮		⋮		⋮		⋮	
f1		9		70		50 < effective accumulated temperature and relative humidity < 90%	
⋮		⋮		⋮		⋮	