TRAMPOLINE

SERVICE INSTRUCT
AND PARTS CATA

TAITO
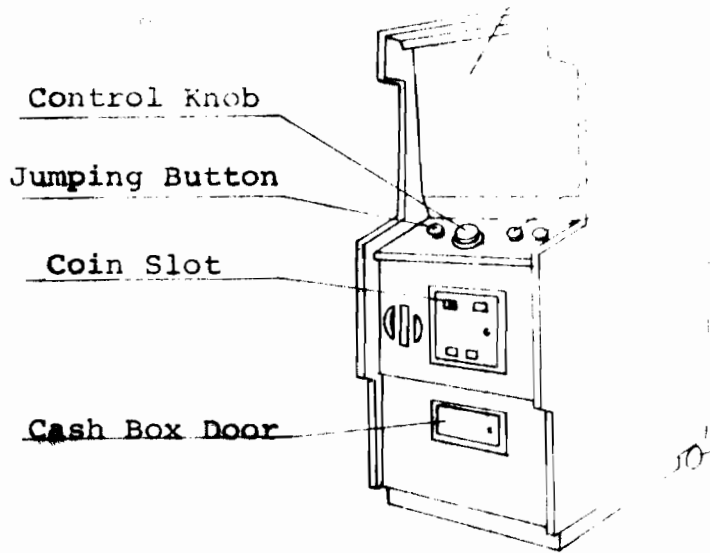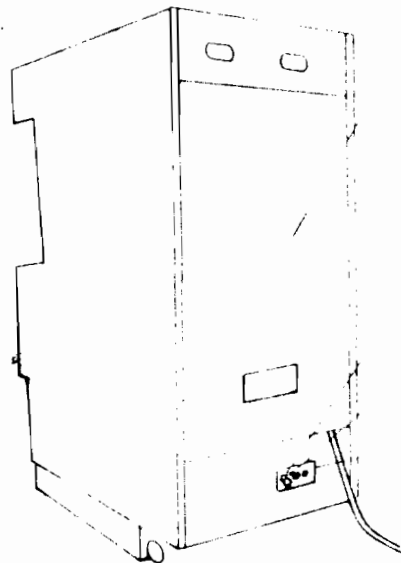
TAITO CORPORA

Control Knob

Jumping Button

Coin Slot

Cash Box Door

Fig. 1

Ba

Fig. 2

Fra.

- A rough handling transportation the picture tube is fragile.

- this TRAMPOLINE is for indoor use.

Install the machine indoors only.
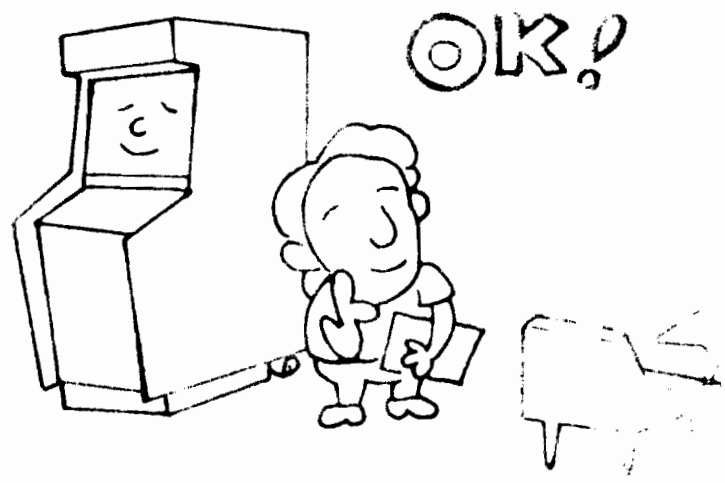
Install the machine indoors.
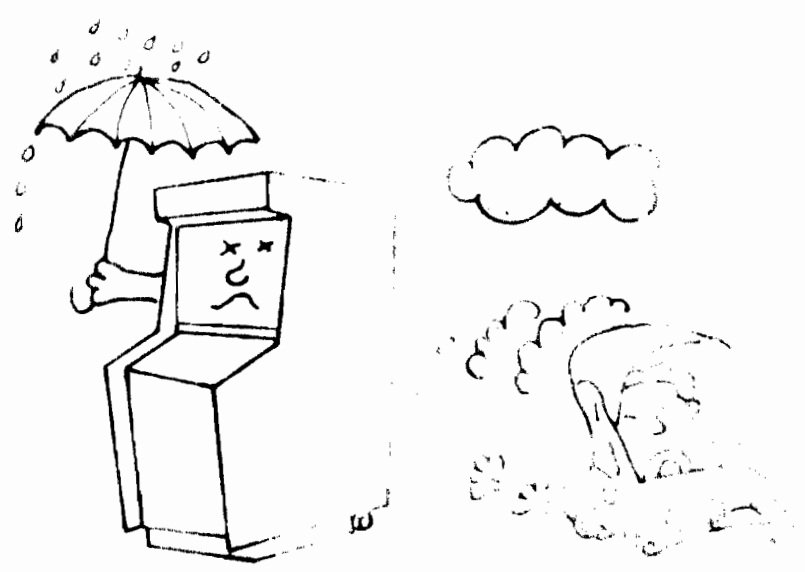
° ⌐ ... the m... ine on flat-su... ed floor and
...r... ...it... space ... front ... the machine.

(Wall)

'Floc
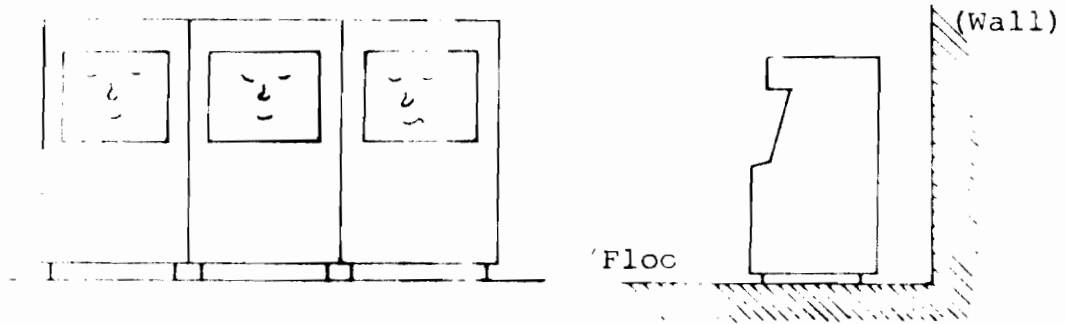
In ... of installation in location with vibration,
... the machine by the use of anchor bolts and wire
...... as shown below.

Wire Ropes

Anchor
Bolts

Anchor
Bolts.
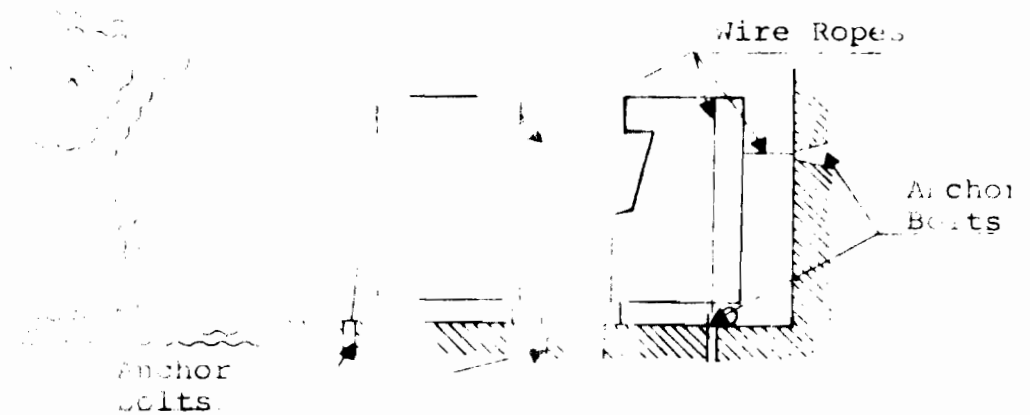
Do ... ... the machine ... d... ...us places viewed
fr... ... ... of disaster... ...v...ti...n.

(... ...cy Exit)

非常口

ire Alarm
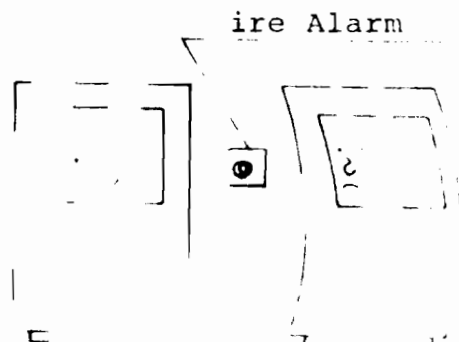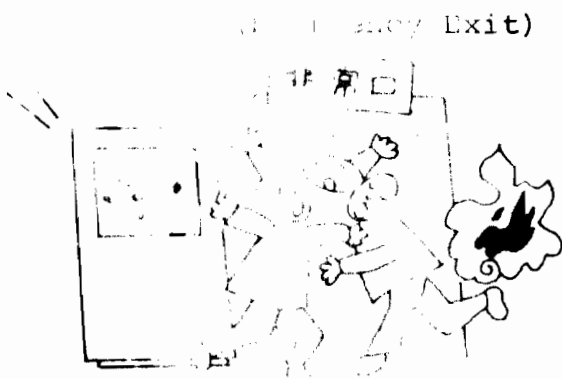
* **Do** not install the machine in location with exposure
  to direct sunlight or excessive heat in order to
  prevent the unit from rising internal temperature.
  Also, do not install the machine in location with being
  damp or dusty.

○ Install the machine **in location** so that **no children**
  can enter the place **between the backside** of the
  machine and the **wall of the location**.

* Ensure all connections **to the PCB's are secure**.

○ Never fail to **connect the** ground terminal.

* Insert the power plug into a proper outlet and turn
  the power switch on.

° one   or partial   ure may appear on the screen when
the machine is first   tched on. This is typical of
so   -state circuit   and will correct itself automati-
c   when the first   lay is started.

War   ng:

°   it RAMPOLIN use   CPU and the latest solid-state
r   it y for ong !   how ver, as with sophisticated
ronl eq   i er   al precautions must be
ob   red o   oi da ag

: r   n er   t s   c with ordinary testing
ont   s   ce the   t nal voltage of the
j e ju   en m   c   e damage to the circuitry.

o ne   or dis nn   t any of the solid-state
es ni   t p r   on.

4. Routine   itenan e

° Owing to the solid-stat electronic circuitry, this
machine should require very little maintenance and
only occasional adjustments, however, it is necessary
to take measures to insure its daily safety.

5. Playing Instructions

- **One** or **two** players.
- **Insert** coin(s).
    - 1 coin - 1 play (5 jumps), 2 coin - 2 plays (or 2 players)
- **Select** one or **two** player game.
- **After** the "music" was played, a man appears at either one of trapezes and **the** trampoline on the stage.
- **Push** the jumping **button** to release the man from the trapeze.
- **If** the man can swing **to** another trapeze, 2,000 points are **scored**.
- **If** missing, move the **trampoline** under the man by turning **the** control knob for **continued** play.
- **Bounce** the man from **the** trampoline and pop stars for points.
- Scoring:
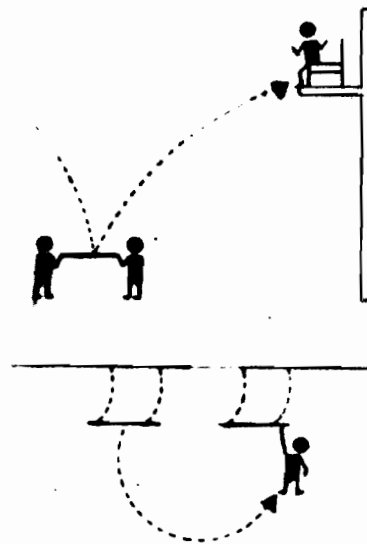
✳	.... 100 pts.
	.... 200 pts.
	.........2,000 pts.

- In two player mode, the play alternates between the two.

Functional Description of Game:

- Man will swing automatically after three seconds even if the jumping button is not pushed.
- The speed of man changes randomly.
- If all stars are eliminated, a second full set of stars will appear on the screen.
- The trampoline decreases to its size at random during play.

6

6. Adjustments on Main P.C. Board
(See Fig. 3 and Table 1)
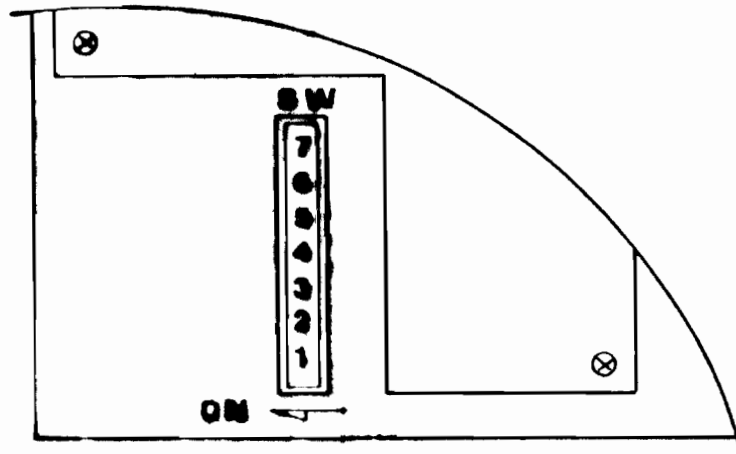
Fig. 3

°**SW1 - SW4**... Switches for adjusting jumps

The number of jumps is preset "5" at the factory.

JUMPS	SW2	SW3	SW4
3	OFF	ON	ON
5	OFF	ON	OFF
7	OFF	OFF	ON
8	ON	OFF	OFF

Table 1

(Optional Setting)

° SW5 - SW7 ... Switches for adjusting solid-state modules

These switches are for the factory adjustments, and are preset at "OFF" position each.

7. Adjustments on Sub P.C. Board (See Fig. 4)

* To increase the sound, turn the pots (VR2, VR4, VR6, VR7, and VR8) clockwise as shown below.

Fig. 4

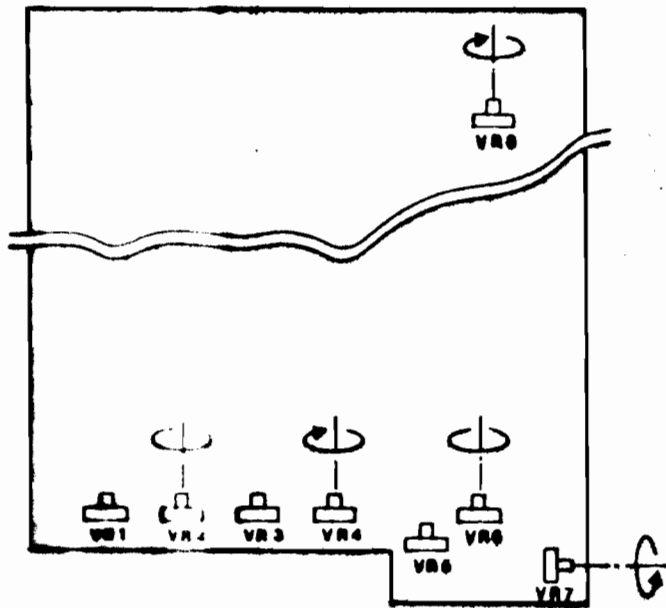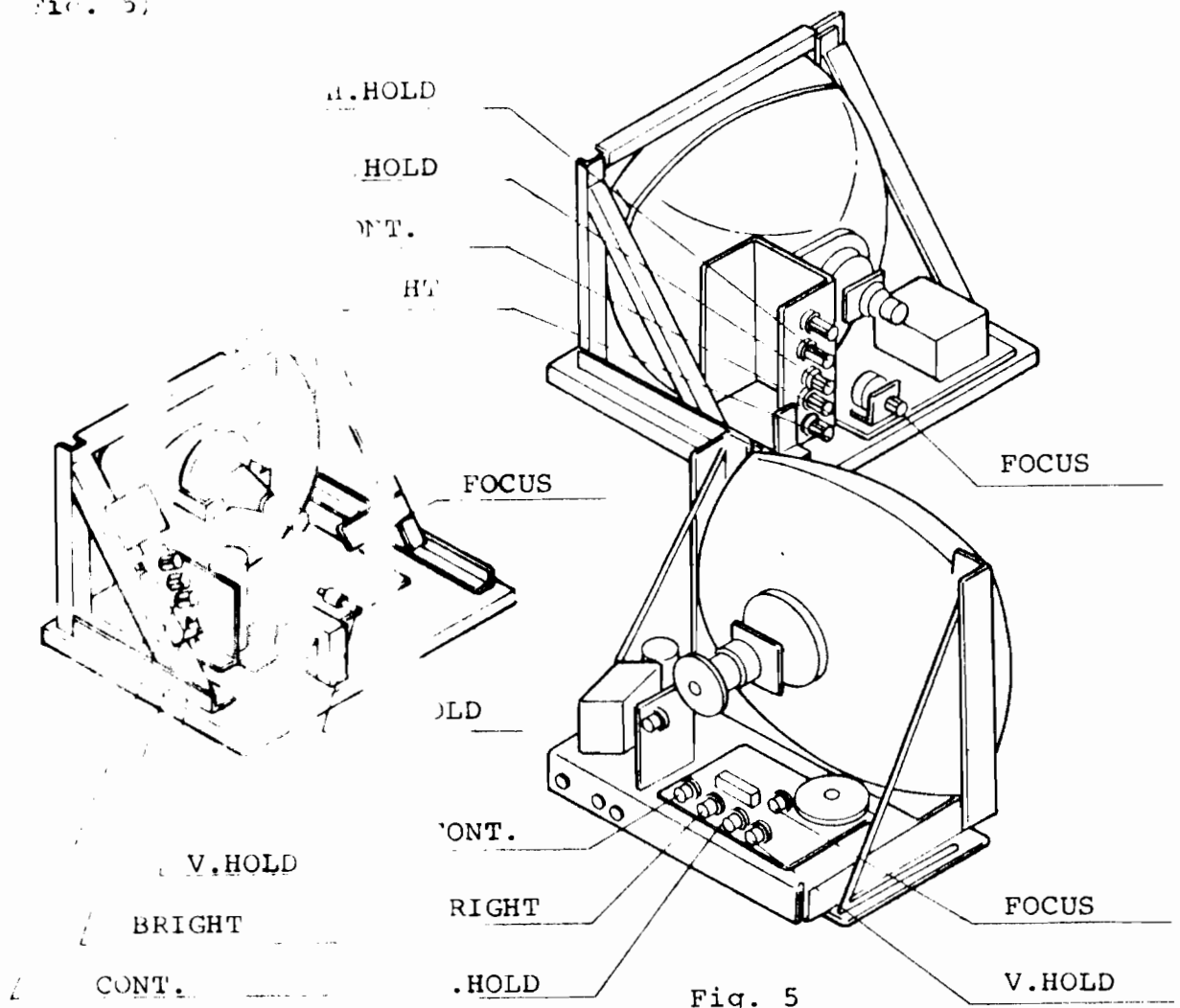VR1...Pot for adjusting tone of missing trampoline

VR2...Pot for adjusting volume of missing trampoline

VR3...Pot for adjusting volume of bouncing on trampoline

VR4...Pot for adjusting volume of popping a star

VR5...Pot for adjusting total tone volume

VR6...Pot for adjusting volume of bouncing on trampoline

VR7...Pot for adjusting total sound volume

VR8...Pot for adjusting volume of "music" at game-start

н.HOLD

.HOLD

)г'T.

H'I

FOCUS

FOCUS

)LD

'ONT.

V.HOLD

BRIGHT

RIGHT

FOCUS

CONT.

.HOLD

V.HOLD

Fig. 5

The TV monitor is proper adjusted before shipping, however, if necessary, readjust i s follows:

° Horizontal Hold
  Adjust the H. HOLD control if the picture is warped or broken into diagonal lines.

° Vertical Hold
  Adjust the V. Hold control if the picture rolls vertically across the screen.

° Screen Contrast and Brightness
  Adjust the CONT. and BRIGHT controls to keep the screen clear.

° FOCUS... Screen Focus Control

Note: The TV Monitor of Taito TRAMPOLINE is for exclusive use, therefore, it can not be replaced with that of other models.

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the v   of the pow   supply is low, the picture on
e scr   .on..times   s. In that case, change the
err   th pow r   ormer in the cabinet.

Thi ad   e   is   .ta.n   by the use of the change-over
sw tch
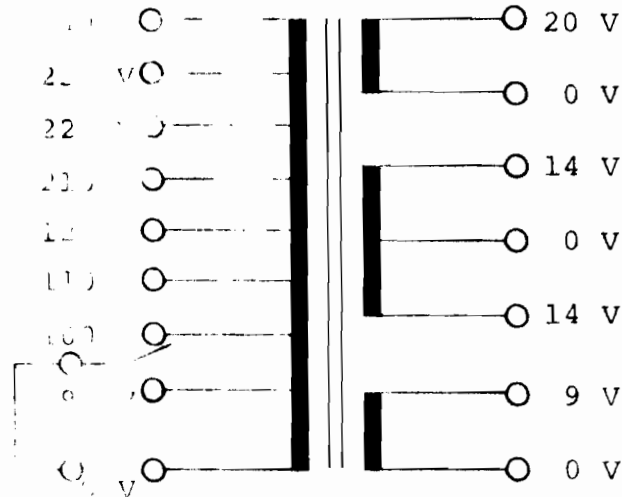
Fig. 6

10. Replacemer   f Conrol Knob Potentiometer (See Fig. 7)

   ° O   front do r and remove two wing nuts(located
            the control board) and lift the control board.
   ° Rep   the potentiometer with new one.
   ° Before mounting the new potentiometer, fully turn the shaft
     of it clockwise, then turn back approximately 150 degree.
   ° Also fully turn the knob clockwise, then turn back
     approximately 90 degree.
   ° Mount and fix the new potentiometer and the knob.
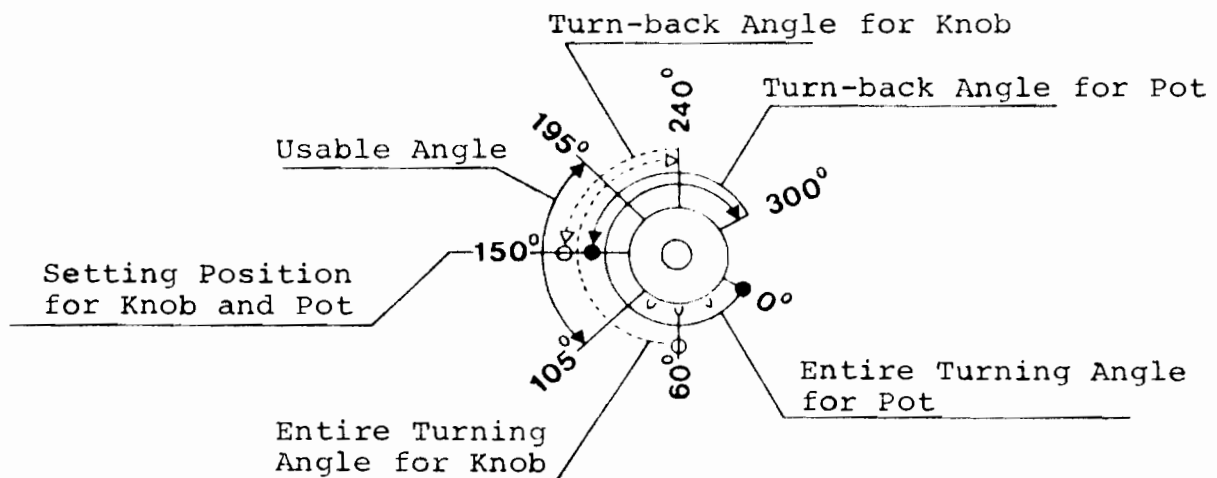
Fig. 7
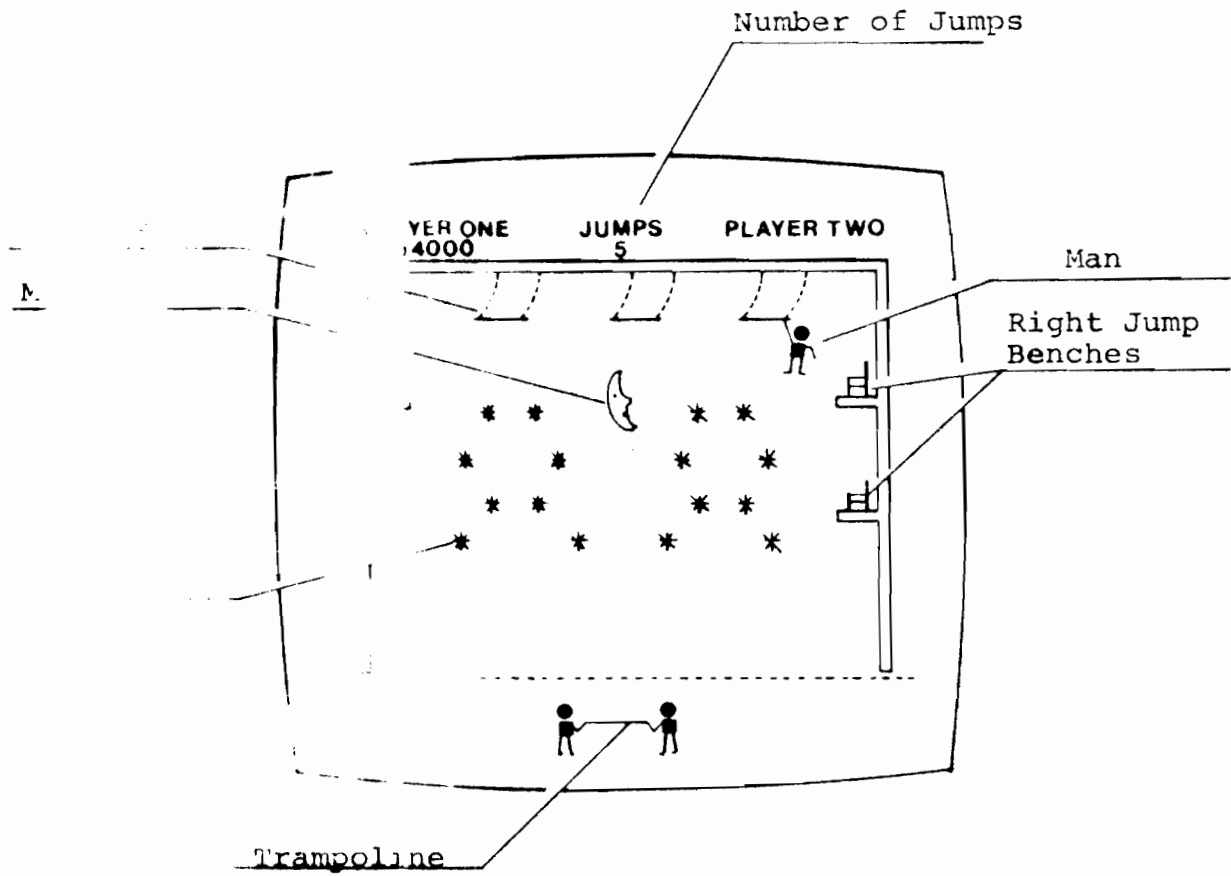
Fig. 8

CABINET ACCESSORY ASS'Y

CABINET ASS'Y

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CONTROL PLATE ASS'Y

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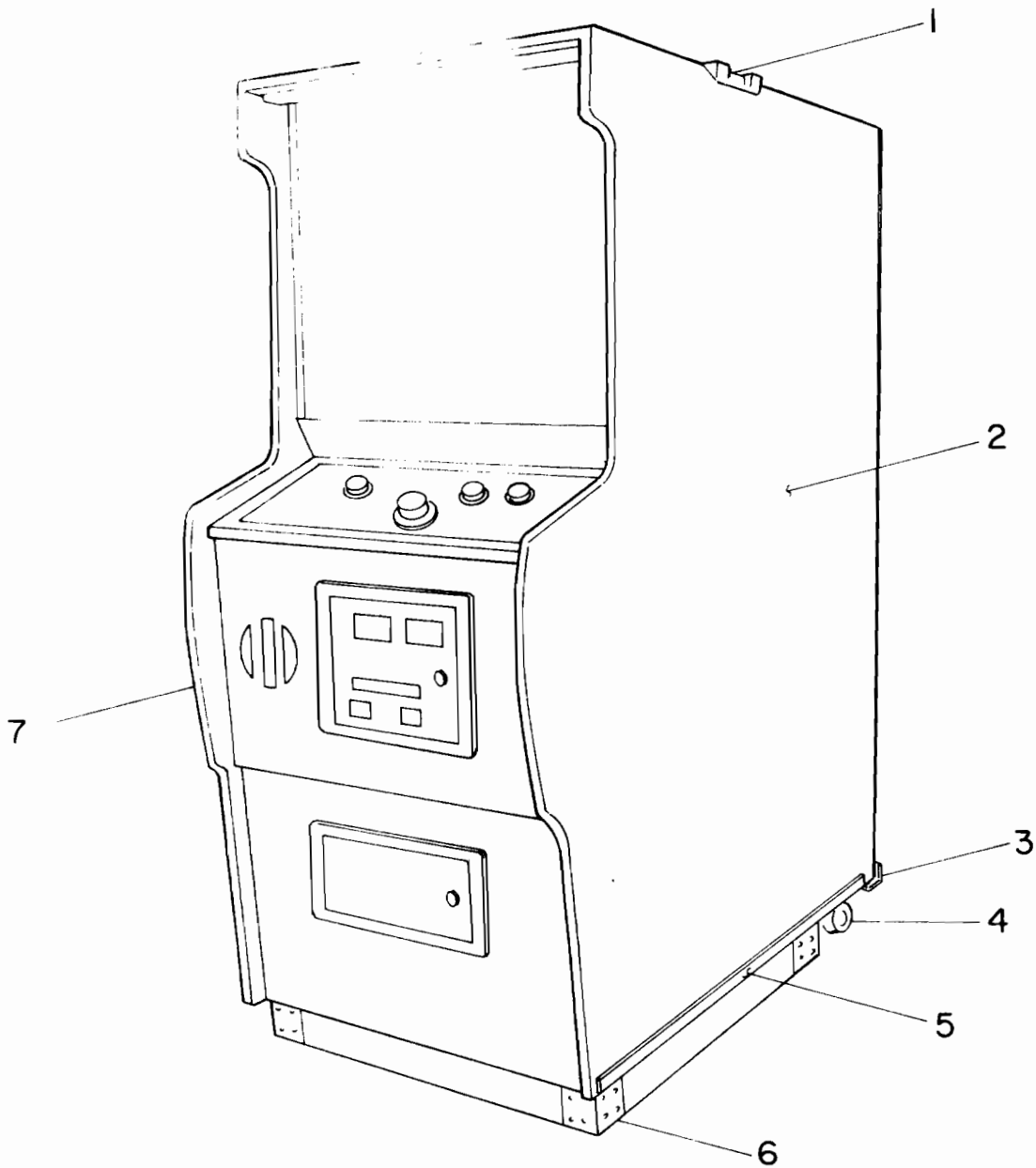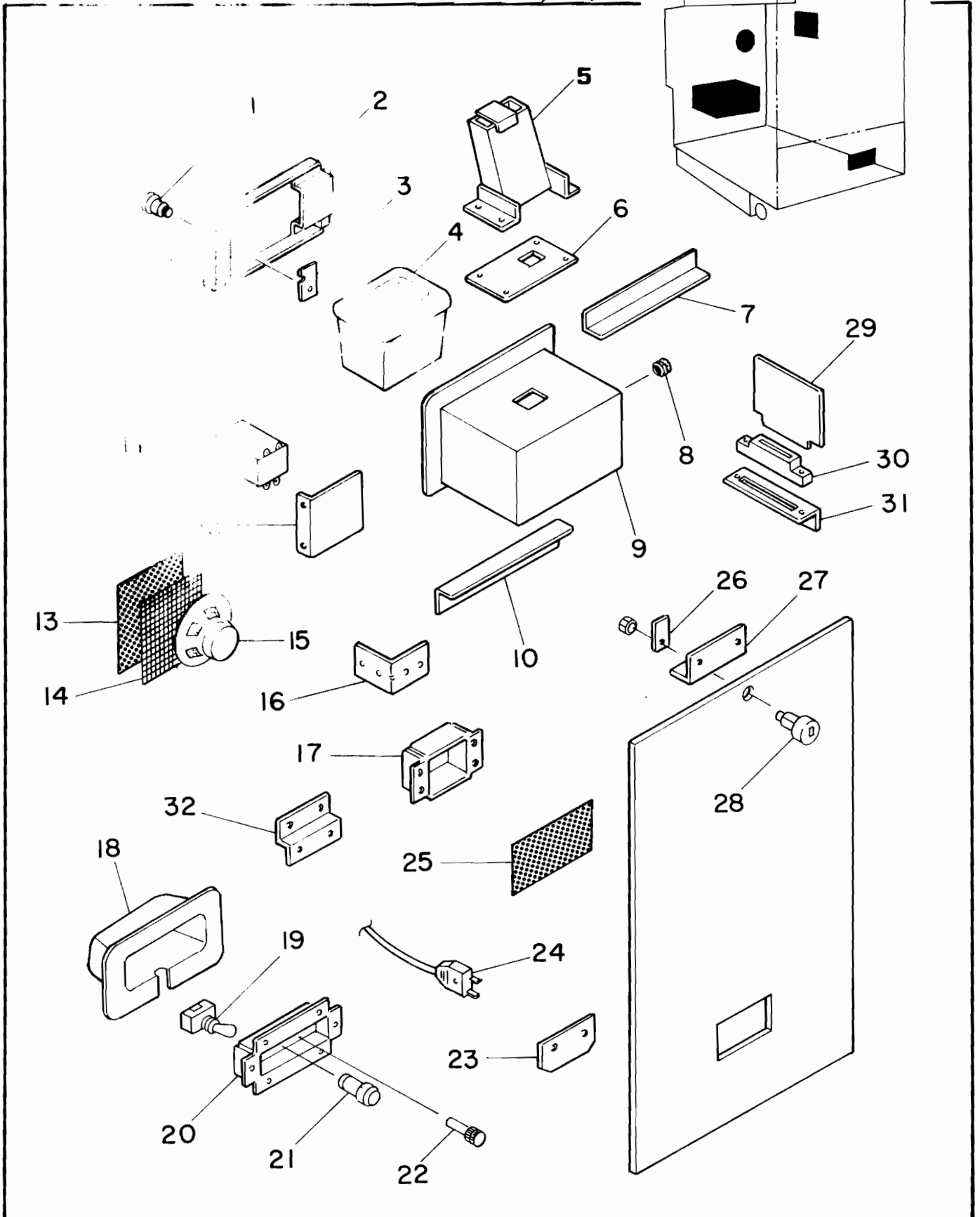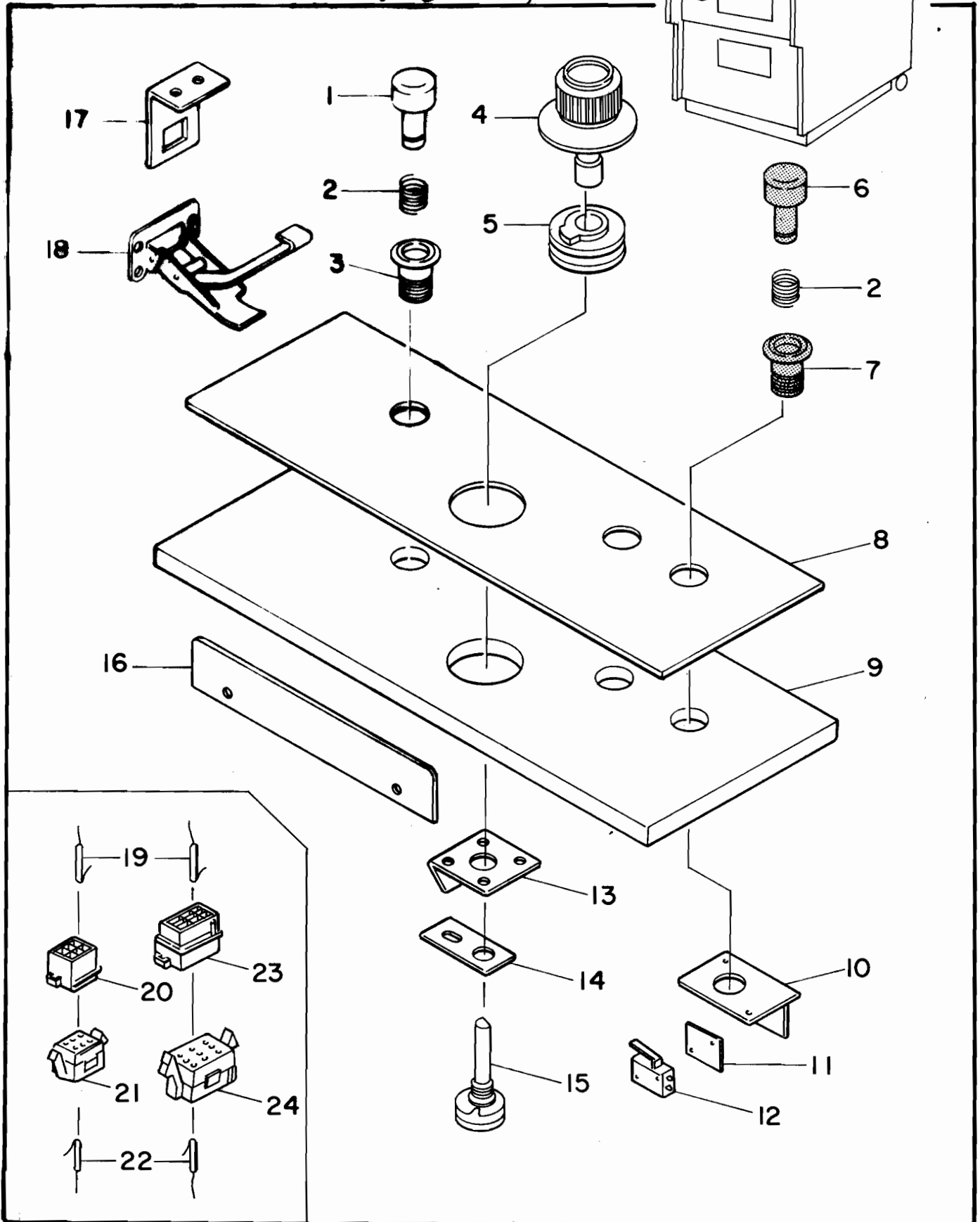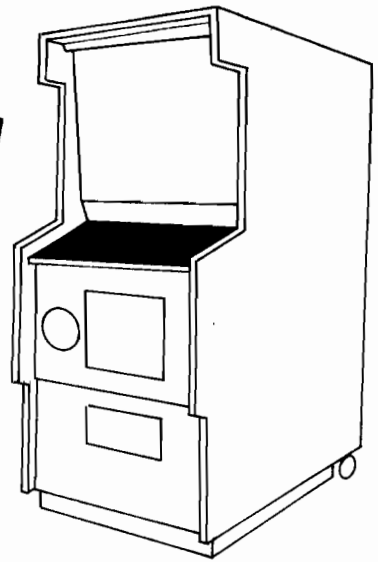
VIDEO AND FLUORESCENT LAMP ASS'Y
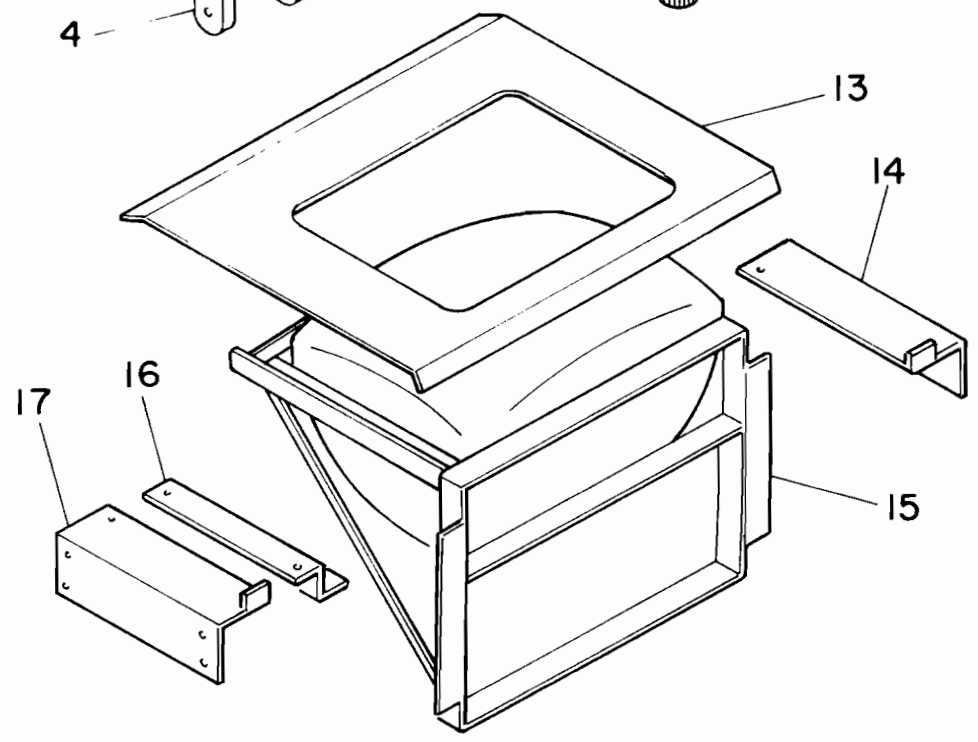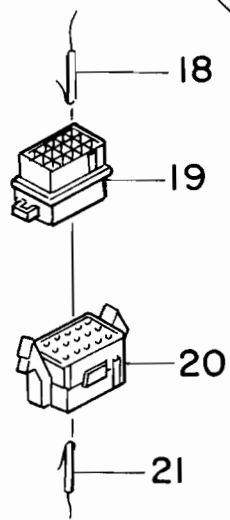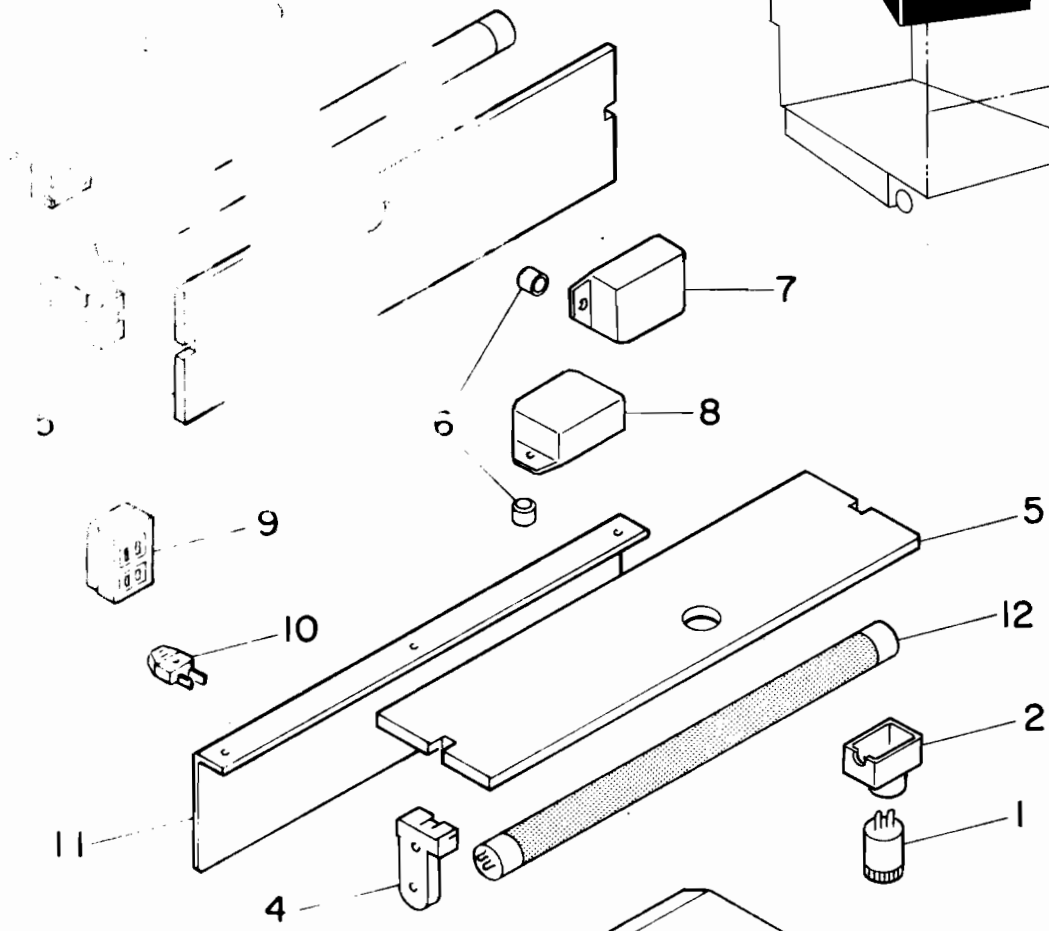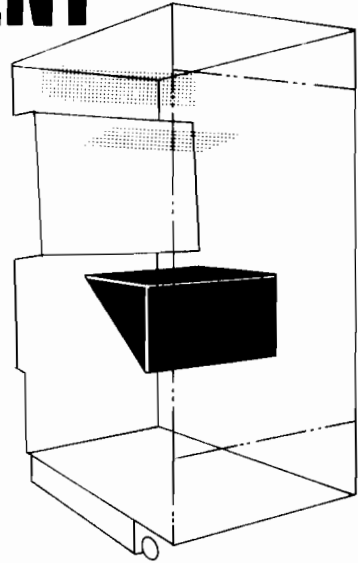
PLAYFIELD ASS'Y
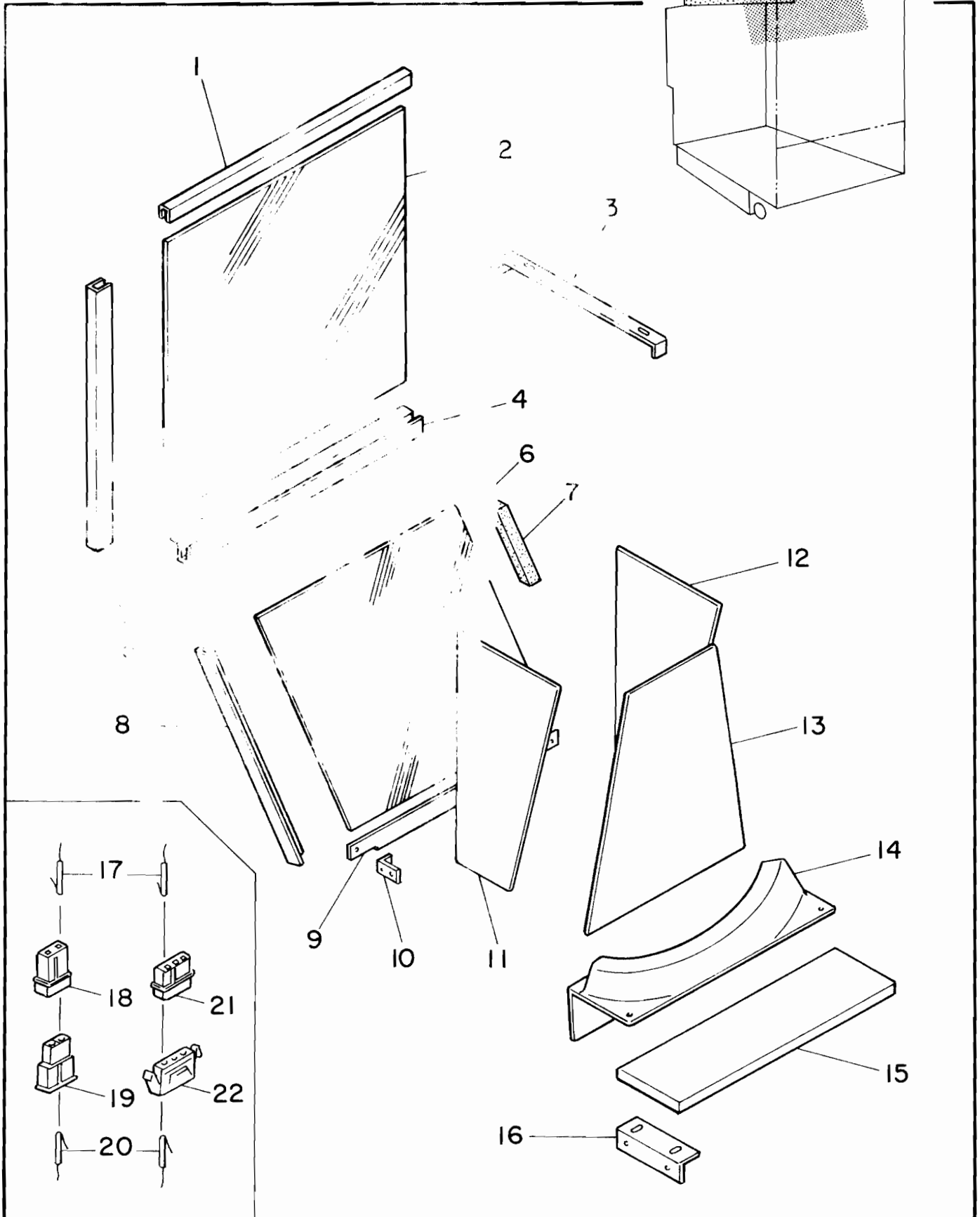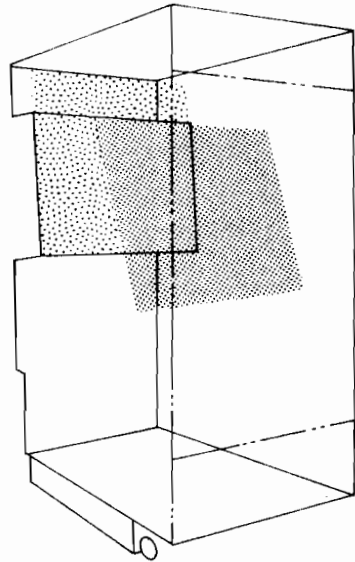
PRINTED BOARD AND REGULATOR ASS'Y
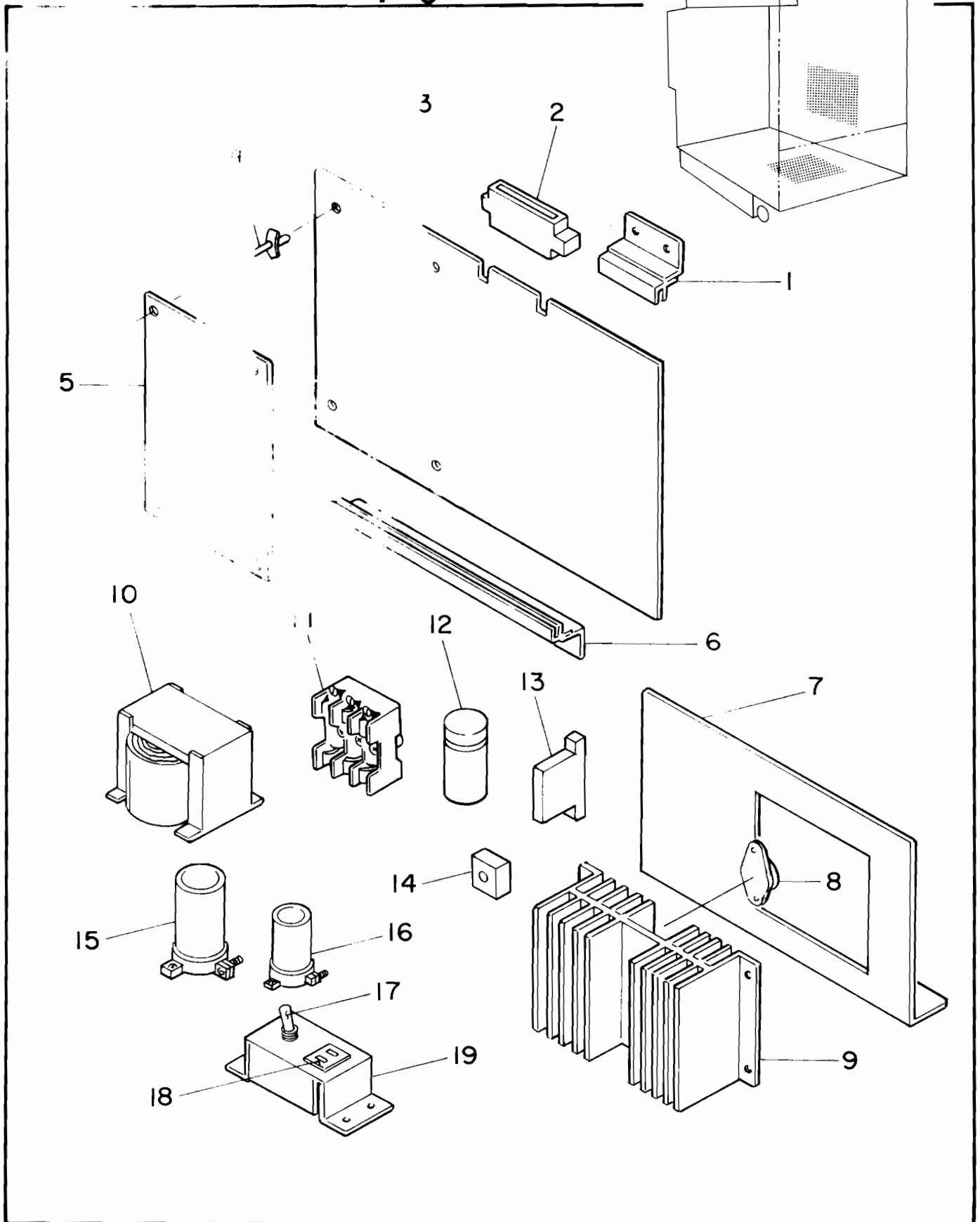
FRONT DOOR AND COIN MECHANISM ASS'Y

See pages 26,27
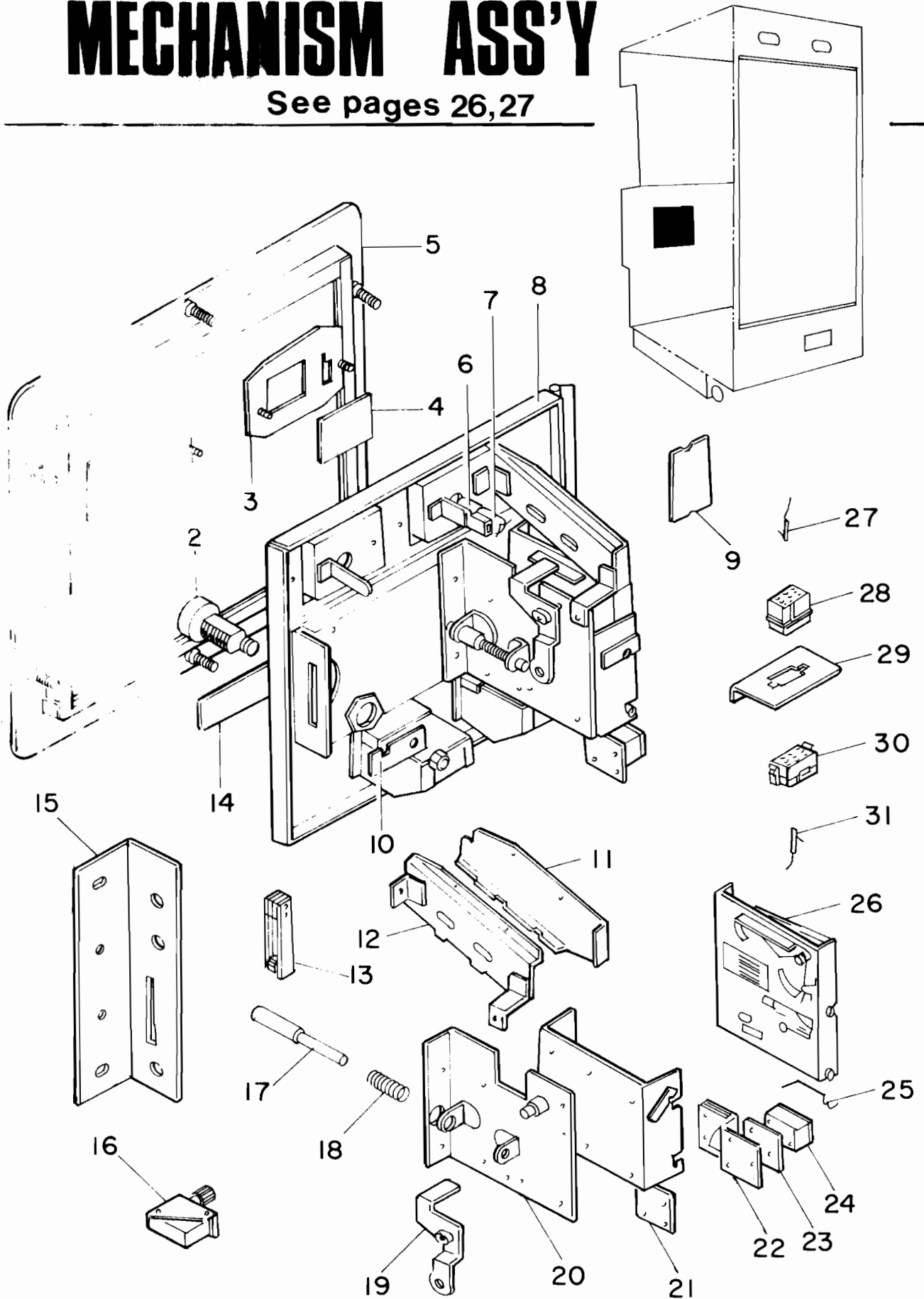
CABINET ACCESSORY ASS'Y

Item	Part №	Description
1	AA014511	Molding
2	HM010001	Cabinet
3	SL030011	Corner Protector
4	AA016513	Caster
5	RM050002	Corner Protector (B)
6	AA013519	Corner Bracket
7	AA019524	Edge

CABINET ASS'Y

Item	Part №	Description
1	AA016545	Lock & Key
2	AA026512	Cash Box Door
3	AA013583	Lock Plate
4	AA028504	Cash Case
5	AA025509	Coin Chute
6	AA013582	Entry Plate
7	AA013580	Cash Box Guide (B)
8	AA018504	Grommet

9	AA028505	Cash Box
10	AA013579	Cash Box Guide (A)
11	AA051615	Counter DC 6V
12	AA013581	Counter Bracket
13	AA013562	Ventilator
14	AA019526	Net
15	AAT71011	Speaker 8Ω 20W 16cm
16	AA013582	Support Bracket
17	AA013512	Handle Cover
18	AA019542	Switch Cover
19	AA052501	Toggle Switch S-301
20	AA013594	Switch Box
21	AA055784	Fuse Holder S-N 2056
22	AA056508	Earth Tarminal
23	AA013523	Door Stopper
24	AA062501	A C Cable & Plug Ass'y
25	EP030010	Ventilator
26	AA013510	Lock Plate
27	AA013569	Lock Gard (B)
28	AA016549	Service Lock №7800
29	AAM50007	Counter Drive P.C. Board Ass'y

50   AA057720   Connector 10P

51   AA017586   Connector Bracket

52   AA015587   Support Bracket

CONTROL PLATE ASS'Y

Item	Part №	Description
1	TR090012	Push Button
2	BP050001	Spring A
3	TR090013	Push Button Housing
4	AA019541	Knob
5	RS090005	Flat Bearing
6	AA019533	Push Button
7	AA019534	Push Button Housing
8	RM070004	Control Panel
9	RM010002	Control Board
10	BP050002	Push Switch Bracket
11	AA019504	Insulator
12	AA052531	Micro Switch VL-11L
13	AA013597	Potation Meter Bracket
14	AT030004	Plate
15	AAT53029	Variable Resistor EVS-31AS20E53

16	RM050004	Stop Plate
17	RM050003	Hook
18	AA016554	Super Cramp
19	AA055789	Mate-N-Lok Plug Pin
20	AA055561	Mate N-Lok Cap 6P
21	AA055562	Mate-N-Lok Plug 6P
22	AA055793	Mate-N-Lok Socket Pin
23	AA055558	Mate-N-Lok Cap 9P
24	AA055562	Mate-N-Lok Plug 9P

VIDEO AND FLUORESENT LAMP ASS'Y

Item	Part No	Description
1	AA054720	Glow Lamp FG-1P
2	AA055695	Glow Socket
3	AA054711	Fluorescent Lamp 15W
4	AA055694	F L Socket
5	FF010005	F L Board
6	AA012510	Spacer
7	AA057504	Ballast 15W
8	AA057505	Ballast 20W
9	AA055716	A C Socket WH2162

1	AA055713	A C Plug WH4012
11	RS050002	F L Cover
12	AA054735	Light Lamp 20W
13	RM070015	V de Mask
14	MS050003	Base Bracket (L)
15	RS090008	Video
16	AA015020	T V Bracket
17	MS050004	Base Bracket (R)
18	AA055789	Mate - N - Lok Plug Pin
19	AA055621	Mate - N - Lok Cap 15P
20	AA055622	Mate - N - Lok Plug 15P
21	AA055790	Mate - N - Lok Socket Pin

PLAYFIELD ASS'Y

Item	Part No	Description
1	FF050010	Glass Retainer Top
2	RM070003	Front Glass
3	BP050023	Lock Plate (B)
4	FF050011	Glass Retainer Bottom
5	RM050001	Glass Retainer Side
6	MS090010	Half Mirror

7	AAO18552	Rubber
8	MSO30005	Glass Retainer Bracket
9	BWO50005	Mirror Bottom Plate
10	MSO30007	Bracket
11	RMO70007	Decoration Board (R)
12	RMO70006	Decoration Board (L)
13	RMO70008	Decoration Board
14	RMO70009	Playfield
15	RSO10004	Playfield Board
16	SWO30018	Field Stop Bracket
17	AAO55789	Mate-N-Lok Plug Pin
18	AAO55501	Mate-N-Lok Cap 2P
19	AAO55502	Mate-N-Lok Plug 2P
20	AAO55790	Mate-N-Lok Socket Pin
21	AAO55521	Mate N-Lok Cap 3P
22	AAO55522	Mate-N-Lok Plug 3P

P.C. BOARD AND REGULATOR ASS'Y

Item	Part No.	Description
1	AA019500	P.C. Board Guide (A)
2	AAC 200	AMP1 Ar Connector 22P
3	RMF 1	Main P.C. Board Ass'y
4	AAC 208	Locking Circuit Support Bracket LCB-10
5	RMF00012	Sound P.C. Board Ass'y
6	AA019529	P.C. Board Guide (C)
7	TM050001	Heat Sink Bracket
8	AAT31005	Regulator S1-3554M
9	AA069519	Heat Sink HWG L=120
10	AA057569	Transformer
11	AA055804	Fuse Holder F3321 3P
12	AAT41127	Capacitor 35T 2200
13	AAT14002	Rectifier 5B-1
14	AAT14027	Rectifier KBPC-802
15	AAT41166	Capacitor 16LASN-2200
16	AAT41168	Capacitor 25LASN-2200
17	AA052535	Toggle Switch S-2A
18	AA055788	A C Socket S-1520
19	AA013599	Socket Box

FRONT DOOR AND COIN MECHANISM ASS'Y

Item	Part №	Description
1	AAO21530	Coin Shield Plate
2	AAO16549	Service Lock №7800
3	AAO21553	Coin Entry Plate for ¥100
4	AAO29508	Price Card for ¥100 Coin
5	AAO26510	Door Fram
6	AAO54704	Pilot Lamp 12V 150mA
7	AAO55698	Vinyl Socket
8	AAO26511	Rejector Door
9	AAO19522	Cover Plate
10	AAO13578	Lock Plate
11	AAO25508	Coin Guide (B)
12	AAO25507	Coin Guide (A)
13	AAO68717	Tilt Switch
14	AAO17705	TAITO Name Plate
15	AAO13577	Lock Gard
16	AAO52511	Push Button Switch VAQ-4R
17	AAO27504	Cancel Rod
18	AAO15504	Spring
19	AAO13557	Cancel Lever
20	AAO13554	Rejector Bracket

2		Rejector Holder
		M S Coin Guide
		Insulator
		Micro Switch C-5G5-5
2	AA0 1	Actuator CAA-1
26	AA0 3	Rejector for ¥100
27	A 9	Mate-N-Lok Plug Pin
28	AA05 81	Mate N Lok Cap 9P
	AA015527	Socket Bracket
	AA055582	Mate-N-Lok Plug 9P
	AA055790	Mate-N-Lok Socket Pin

TAITO TRAMPOLINE

AAR00159

SERVICE OUTLET

MAIN SW. 3A

EARTH

400V 0.01MF

MAIN SW.

90V
100V
20V

KBPC-802
KBPC-802
5B-1

25V2200MF X2
35V4700MF
16V8220000MF
25V8100MF
S1-3554M

B																B
	+5v		-20v	+20v	+28v	GND					+13v	EARTH				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
R	R	R	BR	BL	GY	W	BK	BK	BK	BK	Y	G				

C9

INDICATION LAMP
TILT SW.
COIN SW.

| C | 1 2 3 4 5 6 7 8 9 | C |
| B9 |

COUNTER DRIVE P.C. BOARD

| D | 1 2 3 4 5 6 7 8 9 10 | D |

15W FL
20W FL
VIDEO

| E | 1 2 3 | E |

COIN METER

SERVICE SW.

JAMP
1 PLAYER
2 PLAYER
VR B-5K

| K | 1 2 3 4 5 6 7 8 9 | K |

| G | 1 A 2 B 3 C 4 D 5 E 6 F 7 H 8 J 9 K 10 L 11 M 12 N 13 P 14 R 15 S 16 T 17 U 18 V 19 W 20 X 21 Y 22 Z |

GND
+5v
+28v
+20v
-20v

MAIN P.C. BOARD