

PARTS BOOK FOR ULTRASONIC SEALING MACHINE

MODEL : B U 3 - 1 1 5

BROTHER INDUSTRIES, LTD.

MACHINE TOOL DIV.

BROTHER ULTRASONIC SEALING MACHINE

B U 3 - 1 1 5

TABLE OF CONTENTS

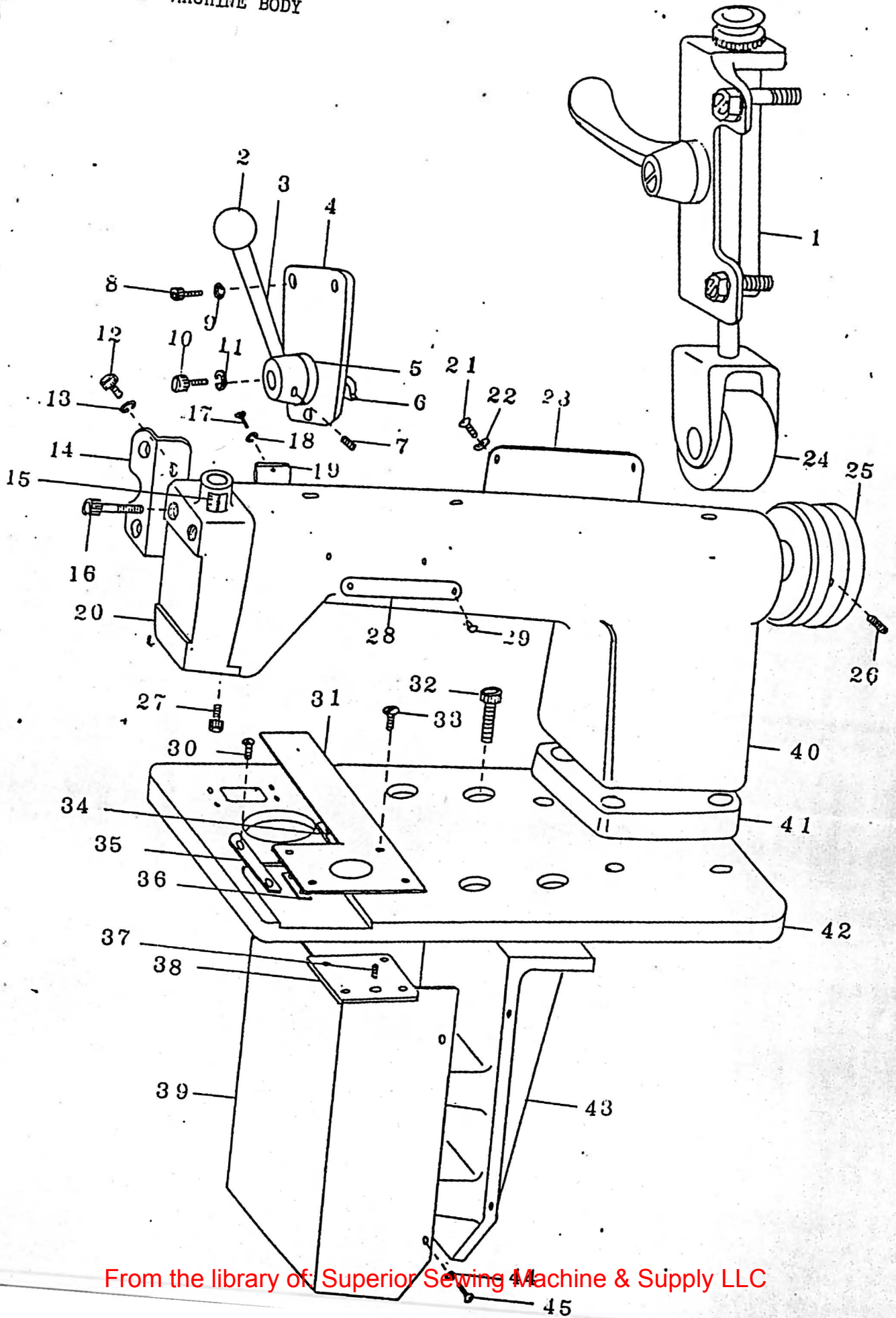
DRAWING

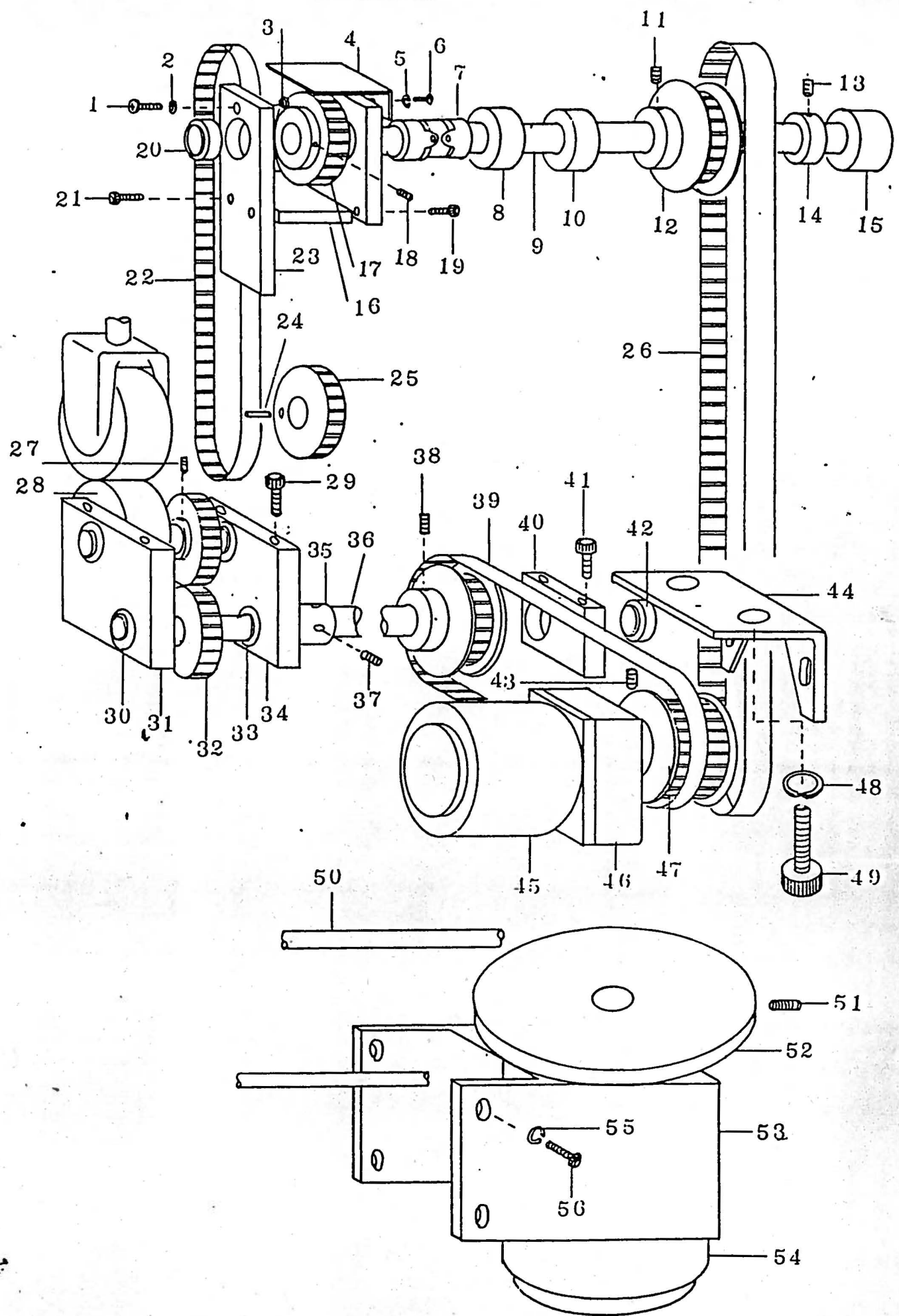
A. MACHINE BODY	1
B. DRIVING	2
C. PRESSURE	3
D. TRANSDUCER	4
E. CONTROL	5
F. LEG AND TREADBOARD	6
G. GENERATOR	7
H. TRANSFORMER	8
I. ACCESSORY	8

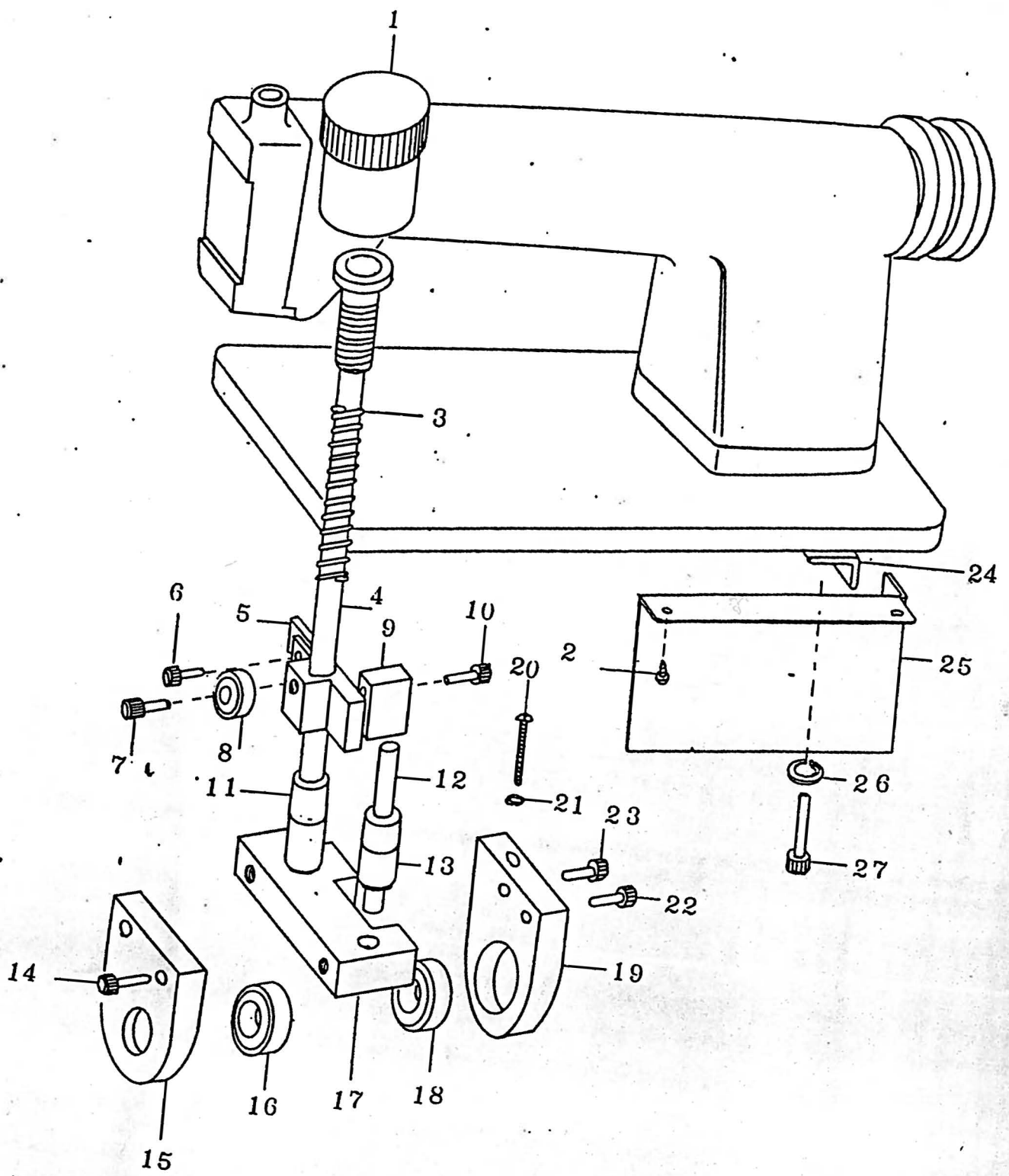
PARTS LIST

A. MACHINE BODY	9
B. DRIVING	9~10
C. PRESSURE	10
D. TRANSDUCER	11
E. CONTROL	11
F. LEG AND TREADBOARD	11~12
G. GENERATOR	12
H. TRANSFORMER	12
I. ACCESSORY	12

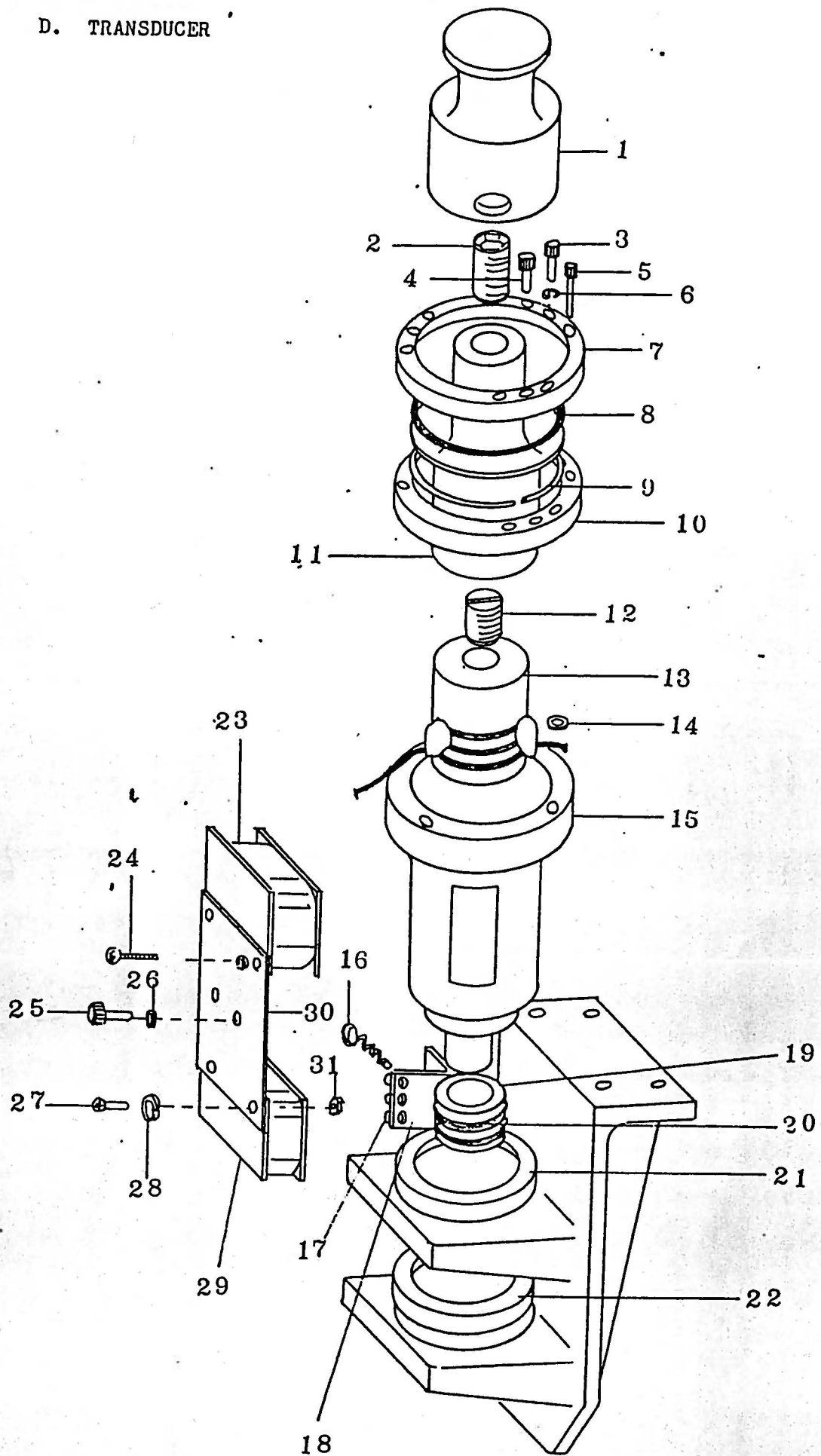
A. MACHINE BODY



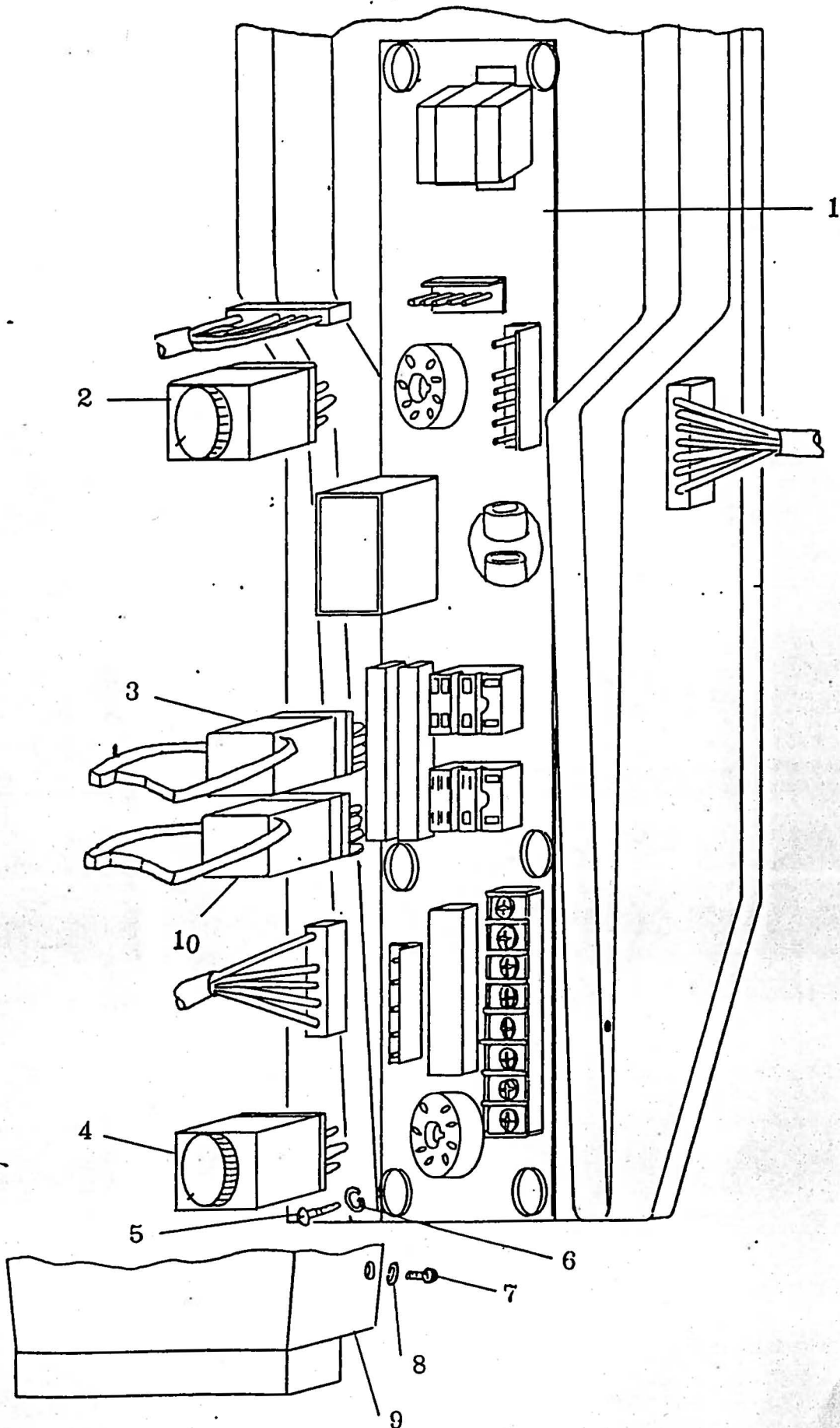




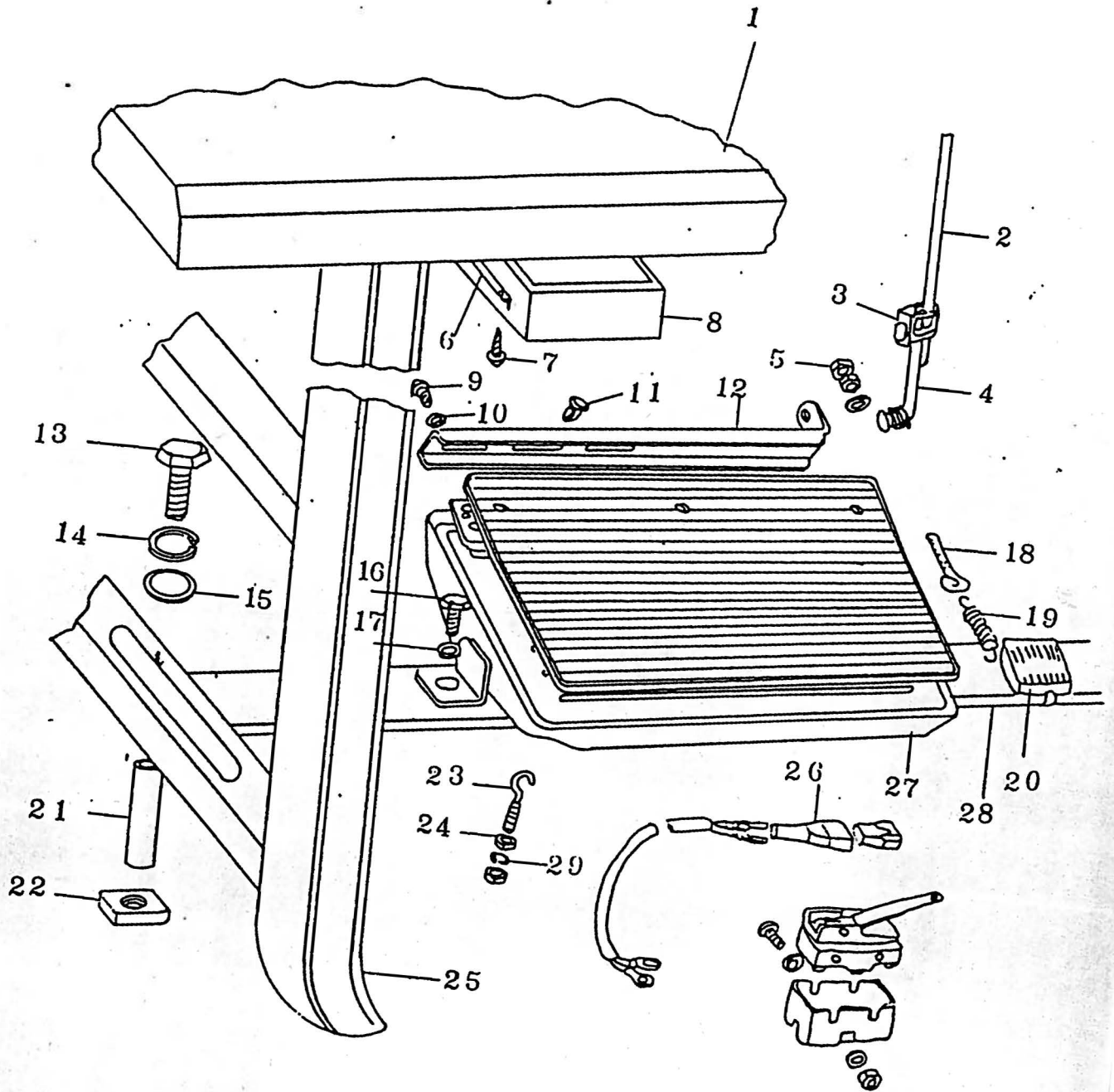
D. TRANSDUCER



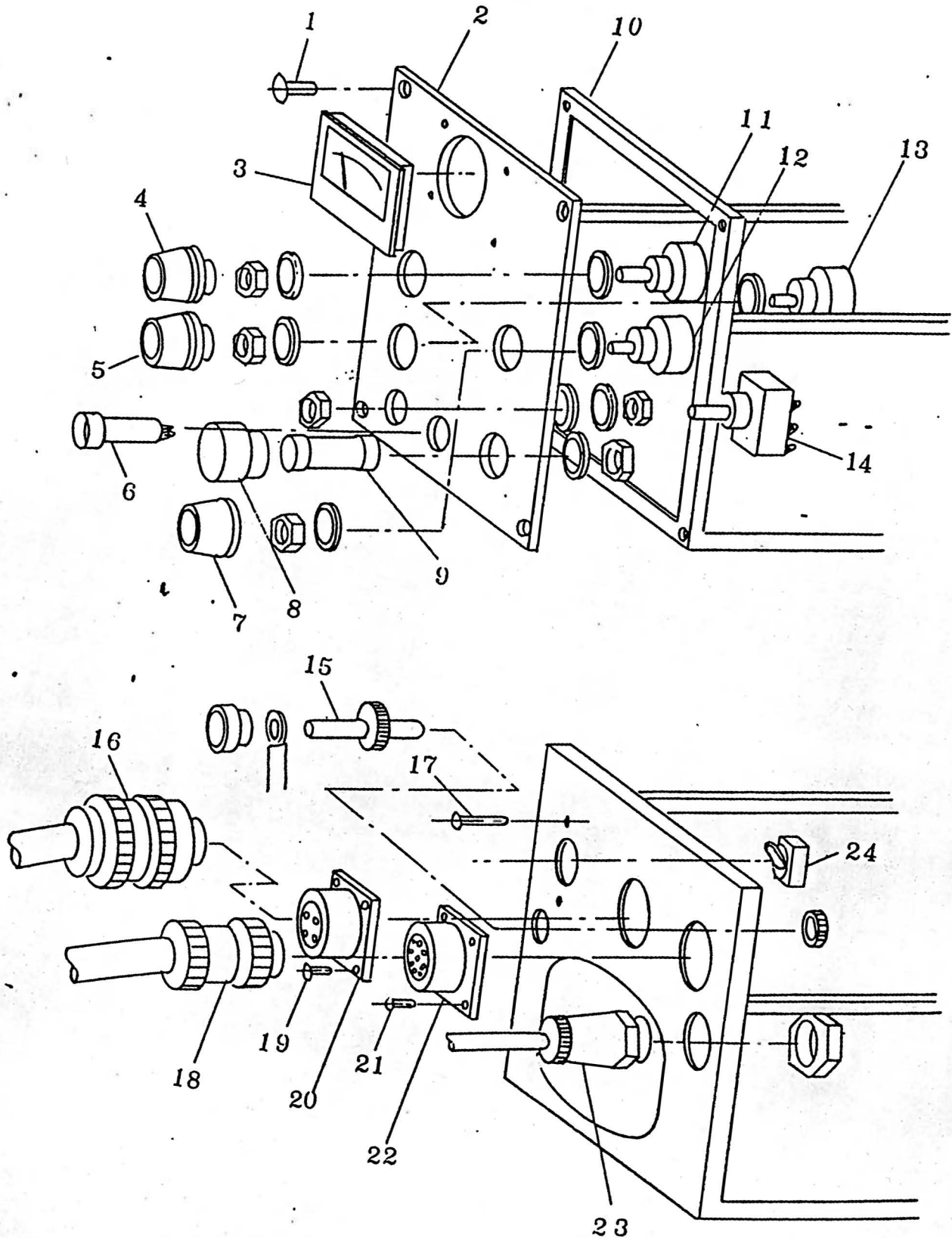
E. CONTROL



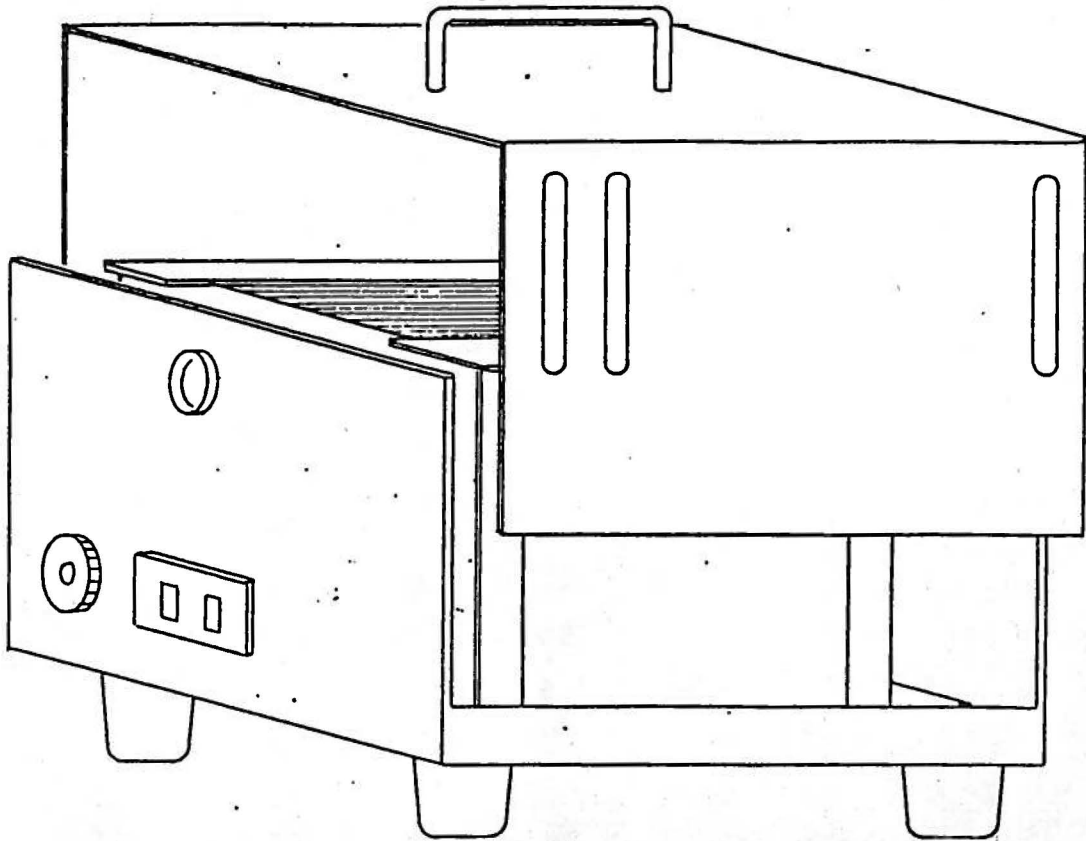
F. LEG AND TREADBOARD



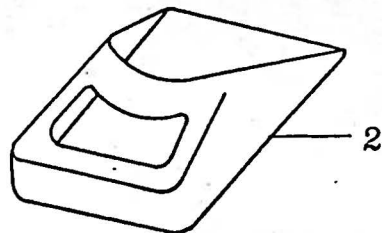
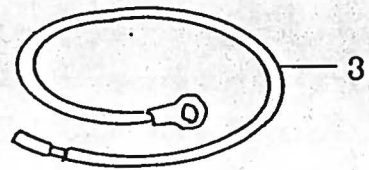
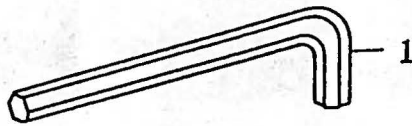
G. GENERATOR



H. TRANSFORMER



I. ACCESSORY



A. Machine Body

No.	Parts Name	Q'ty	Cord	No.	Parts Name	Q'ty	Cord
A-1	Puller	1	338854000	A-24	Rubber Roller	1	391355095
A-2	Knob	1	395082100	A-25	Pulley	1	115244001
A-3	Lever	1	338732000	A-26	Screw	2	013761410
A-4	Face Plate	1	322020000	A-27	Socket Cap Screw	2	018061622
A-5	Fitting Shaft	1	322023000	A-28	Label	1	338593001
A-6	Cam	1	322021001	A-29	Screw	2	200084002
A-7	Set Screw	2	018061022	A-30	"	4	004400803
A-8	Socket Cap Screw	3	018501622	A-31	Horn Cover Plate	1	338763000
A-9	Washer	3	028050243	A-32	Socket Cap Screw	4	018082022
A-10	Socket Cap Screw	1	018061022	A-33	Screw	4	009711012
A-11	Washer	1	028060243	A-34	Plate	1	338720000
A-12	Socket Cap Screw	2	018061622	A-35	"	1	338719000
A-13	Washer	2	028060243	A-36	BU3 Plate	2	338923000
A-14	Puller Holder	1	322138001	A-37	Screw	1	116010001
A-15	Label #2	1	338561000	A-38	Sliding Plate	1	112610001
A-16	Socket Cap Screw	2	018086022	A-39	Transducer Cover	1	322175000
A-17	Screw	2	002400805	A-40	Arm	1	322158000
A-18	Washer	2	028040243	A-41	Adjusting Block	1	338859001
A-19	Back Cover	1	322033000	A-42	Bed	1	322159000
A-20	Body Unit	1	322013001	A-43	Transducer Fixture	1	338529000
A-21	Screw	5	002400805	A-44	Washer	4	028040243
A-22	Washer	5	028040243	A-45	Screw	4	002400805
A-23	Back Plate	1	111456001				

B. Driving

No.	Parts Name	Q'ty	Cord	No.	Parts Name	Q'ty	Cord
B-1	Screw	1	002401605	B-12	Pulley	1	322010001
B-2	Washer	1	028040243	B-13	Screw	2	012060622
B-3	Nut	1	021040103	B-14	Stop Ring	1	338734001
B-4	Belt Cover	1	322186000	B-15	Upper Shaft Bush R	1	146331001
B-5	Washer	1	028040243	B-16	Pulley Block M	1	322026001
B-6	Screw	1	002400805	B-17	Pulley	1	322011001
B-7	Universal Joint	1	392104100	B-18	Screw	2	012060622
B-8	Upper Shaft Bush L	1	322037000	B-19	Socket Cap Screw	2	018400822
B-9	Upper Shaft	1	322019000	B-20	BearingSM08DU3	2	394741100
B-10	Upper Shaft Bush M	1	140726000	B-21	Socket Cap Screw	2	018400822
B-11	Screw	2	012060622	B-22	Timing Belt 85	1	338842000

No.	Parts Name	Q'ty	Cord	No.	Parts Name	Q'ty	Cord
B-23	Pulley Block	1	322163000	B-42	Bearing SM08DU3	1	394741100
B-24	Spring Pin	1	047301247	B-43	Screw	2	012060622
B-25	Pulley	1	338696000	B-44	Motor Fixture	1	322160000
B-26	Timing Belt	1	395172100	B-45	Motor	1	396142100
B-27	Screw	2	012060622	B-46	Gear Head	1	396141100
B-28	Rubber Roller	1	391355095	B-47	Motor Pulley	1	322162000
B-29	Socket Cap Screw	4	018501222	B-48	Washer	2	028140243
B-30	Bearing SM08DU3	2	394741100	B-49	Washer	2	017146002
B-31	Holder	1	322030001	B-50	Rope	1	338594000
B-32	Gear	2	338717000	B-51	Set Screw	1	012060622
B-33	Bearing	2	394741100	B-52	Driving Pulley	1	322185000
B-34	Holder	1	322030001	B-53	Motor Fixture	1	322164000
B-35	Coupling Ring	1	338716001	B-54	Motor	1	396144100
B-36	" Shaft	1	322031001	B-55	Washer	4	028060243
B-37	Set Screw	4	012500822	B-56	Socket Cap Screw	4	018061022
B-38	" "	2	012060622				
B-39	Timing Belt	1	395061100				
B-40	Holder	1	322029001				
B-41	Socket Cap Screw	2	018501222				

C. Pressure

No.	Parts Name	Q'ty	Cord	No.	Parts Name	Q'ty	Cord
C-1	Knob	1	322014000	C-16	Bearing	1	394463100
C-2	—		—	C-17	Block	1	322168000
C-3	Pressure Spring	1	322166000	C-18	Bearing	1	394463100
C-4	Slide Shaft	1	322018000	C-19	Roller Plate R	1	322170000
C-5	Bracket	1	322022000	C-20	Screw	1	002403005
C-6	Socket Cap Screw	2	018501622	C-21	Washer	1	028040243
C-7	" " "	1	018061022	C-22	Socket Cap Screw	1	018501222
C-8	Bearing	1	395470100	C-23	" " "	1	018501222
C-9	Plate	1	322027001	C-24	Fitting Plate	1	338729001
C-10	Socket Cap Screw	2	018503022	C-25	Cover	1	338438001
C-11	Metal Bush	1	111467001	C-26	Washer	1	028100242
C-12	Slide Shaft	1	322017000	C-27	Socket Cap Screw	1	018107022
C-13	Metal Bush	1	111464001				
C-14	Socket Cap Screw	2	018501222				
C-15	Roller Plate	1	322169000				

From the library of: Superior Sewing Machine & Supply LLC

D. Transducer

No.	Parts Name	Q'ty	Cord	No.	Parts Name	Q'ty	Cord
D-1	Horn	1	322172000	D-17	Brush Holder	3	394596100
D-2	Set Screw	1	391576008	D-18	Fitting Plate	1	322173000
D-3	Socket Cap Screw	3	018062022	D-19	Slip Ring	1	394146100
D-4	" " "	3	018063022	D-20	O Ring	2	394147100
D-5	" " "	3	018063522	D-21	Bearing 6016ZZ	1	072601680
D-6	Washer	3	028060243	D-22	" 6017ZZ	1	072601780
D-7	Flange	1	338455001	D-23	Motor Fan	1	396145100
D-8	O Ring	1	081060790	D-24	Screw	2	002401605
D-9	Wire Ring	1	338460000	D-25	Socket Cap Screw	2	018061022
D-10	Flange	1	338456001	D-26	Washer	2	028060243
D-11	Horn	1	338457001	D-27	Screw	2	002401605
D-12	—		—	D-28	Washer	4	028040243
D-13	Transducer	1	338379000	D-29	Fan	1	394471100
D-14	Washer	3	025040333	D-30	Fan Fitting Plate	1	322174000
D-15	Transducer Holder	1	322179000	D-31	Nut	4	021040103
D-16	Carbon Brush	3	394598100				

E. Control

No.	Parts Name	Q'ty	Cord	No.	Parts Name	Q'ty	Cord
E-1	Printed Board	1	322147000	E-7	Screw	4	002400805
E-2	Controller	1	399148100	E-8	Washer	4	028040243
E-3	Relay	1	398593100	E-9	Cover	1	322176000
E-4	Controller	1	399148100	E-10	Relay	1	398390100
E-5	Screw	6	002401605				
E-6	Washer	6	028040243				

F. Leg and Treadboard

No.	Parts Name	Q'ty	Cord	No.	Parts Name	Q'ty	Cord
F-1	Table	1	322016000	F-6	Box Support	2	101121002
F-2	Pedal Fixed Shaft	1	388731001	F-7	Screw	4	032361306
F-3	—		—	F-8	Table Box	1	119702001
F-4	Lever Shaft	1	133641001	F-9	Screw	1	001061606
F-5	Nut	1	025066200				

No.	Parts Name	Q'ty	Cord	No.	Parts Name	Q'ty	Cord
F-12	Fitting Arm	1	133635001	F-22	Nut	4	116694001
F-13	Bolt	2	398201959	F-23	Adjusting Hook	1	140947001
F-14	Washer	2	028080240	F-24	Nut	2	212251000
F-15	"	2	025080236	F-25	Outer Leg	2	133637001
F-16	Bolt	2	017082002	F-26	U2 Cord Ass'ly	1	146160001
F-17	Washer	2	025060236	F-27	Treadboard Ass'ly	1	146175001
F-18	Hook	1	140953000	F-28	Support Plate	1	119704001
F-19	Spring	1	146178001	F-29	Washer	1	028040243
F-20	Foot Switch	1	606370001				
F-21	Collar	2	133671001				

G. Generator

No.	Parts Name	Q'ty	Cord	No.	Parts Name	Q'ty	Cord
G-1	Screw	4	008400503	G-14	Snap Switch	1	398622100
G-2	Front Panel	1	322145000	G-15	Earth Terminal	1	321300019
G-3	Ampere Meter	1	399142100	G-16	Output Cable	1	322148000
G-4	Knob	1	398330100	G-17	Screw	2	002300603
G-5	"	1	398330100	G-18	Signal Cable	1	322149000
G-6	Neon Bracket	1	398084100	G-19	Screw	4	002300803
G-7	Knob	1	398330100	G-20	Connector Receptacle ^{4P}	1	398799000
G-8	Fuse Holder	1	398720001	G-21	Screw	4	002300803
G-9	15A Fuse	1	398721001	G-22	Receptacle	1	398432100
G-10	Chassis	1	338736000	G-23	Cord Lock	1	399927000
G-11	Resistor 20K Ω	1	398294100	G-24	Circuit Protector	1	399144100
G-12	" 2K Ω	1	398637100				
G-13	" 20K Ω	1	398294100				

H. Transformer

No.	Parts Name	Q'ty	Cord
H-1	1.5KVA Trans Unit	1	322183000

I. Accessory

No.	Parts Name	Q'ty	Cord
I-1	Hexagon Wrench	1	602776001
I-2	Rubber Leg	1	133632001
I-3	Earth Wire	1	301162000
I-4	Fuse	2	398651100
I-5	Fuse	2	398340100