Instructions for Operating No. 7 Boston Wire Stitcher

HOW TO OIL. Before starting a new machine it must be cleaned thoroughly and oiled sparingly with light mineral oil. Directly under the Spool Stud is an oil tube which conducts oil to the crank on the Main Shaft. Under this oil tube on the horizontal part of the Frame is a second oil tube. At the back of the Frame, directly in front of the upper part of No. **7050** is located a third oil tube. In the Clincher Driving Bar Roll which runs on part No. **7050** is an oil hole.

In part No. **7160** on the front of the machine there is an oil hole. Upon opening the door of the machine the working parts will be seen. Two holes marked "OIL", one on the Feed Slide No. **7112** and one on the Wire Cutter Holder No. **7103** One drop of oil should be used in each of these oil holes once a day if the machine is running continuously. An excess of oil is apt to show on the work. The oil hole on No. **7112** lubricates the Grip Rod on which the Wire Grip Shoes operate. Should this rod become dry the Grip Shoes will stick. The hole in Driver No. **7089** is NOT an oil hole but a means of removing this part by pushing wire nail through and downward.

THE CUTTERS have four cutting edges and should be changed when the wire shows a burr or a ragged edge. To change the Cutters raise the Retainer No. **7109** and slide out the top cutter; raise the lower cutter to place where upper cutter had been and slide out. Reverse the Cutters by placing the upper cutter (taken out first) on the bottom and the bottom cutter on top. Be sure that slot in centre of Cutters is toward the back of the machine. When this cutting edge becomes dull take out as above and use the other ends of the cutters. This end can also be reversed thus giving four cutting edges. Be sure the No. **7109** is pressed down into place after the second cutter has been put in place as this prevents cutter from sliding out of place.

THE DRIVER shipped in machine is double ended, both ends being adapted for either heavy work using flat wire or light work using round wire. Drivers are also made with both ends suitable for heavy work using flat wire only. When ordering new drivers state whether they are required for heavy work only or for heavy and light work combined.

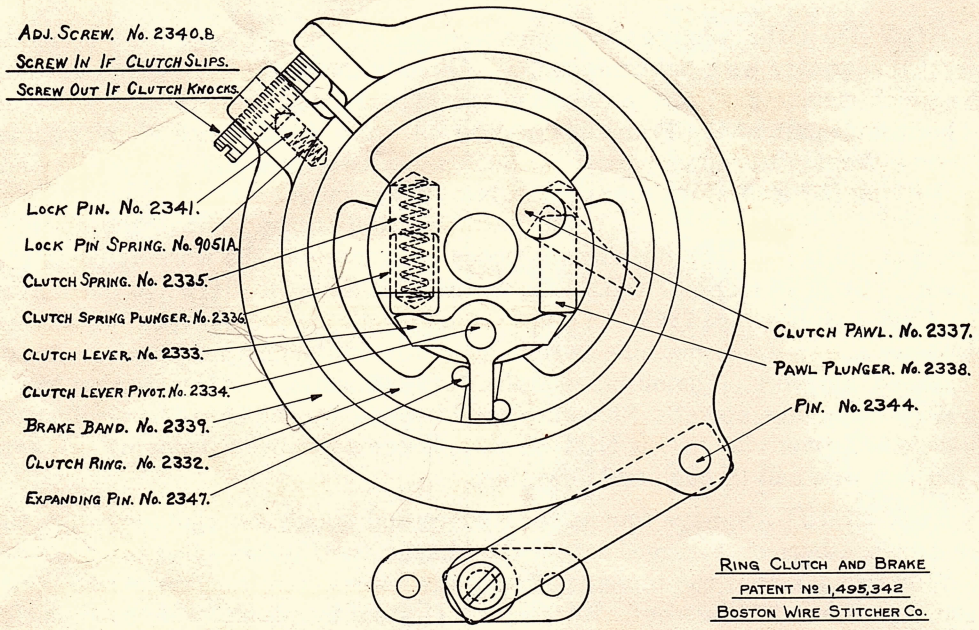
To change Driver press spring through hole in Driver slide down and take out. Machine should be open to its full capacity. Hold back the Supporter with a screw driver otherwise this part will retard the Driver when sliding out of the Bender Bar.

TO CENTER LEGS OF STITCH, when wire is feeding sufficient but one leg is longer than the other, first loosen screws No. **7219,** this releases part No. **7113.** If left leg of stitch is longer raise part No. **7113,** if left leg is shorter lower No. **7113.** Tighten screws No. **7219** and try the machine. If fault is not overcome, adjust again, lower or higher as is necessary.

TO FEED MORE WIRE, if ends of staple after being clinched show a space between them. Loosen screw No. **7122,** this will release Eccentric Bushing No. **7121.** To feed more wire turn part No. **7121** toward the front of the machine. To feed less wire turn in opposite direction. Tighten No. **7122.**

TO TIGHTEN CLINCHERS, if staple is not clinching tight and smooth. Take out Retainer Screw No. **39** and turn part No. **37** to the right. This will elevate the Clinchers. In part No. **37** there are several screw holes. When the Clinchers have been set up tight, replace the Retainer Screw No. **39,** this holds part No. **37** in place.

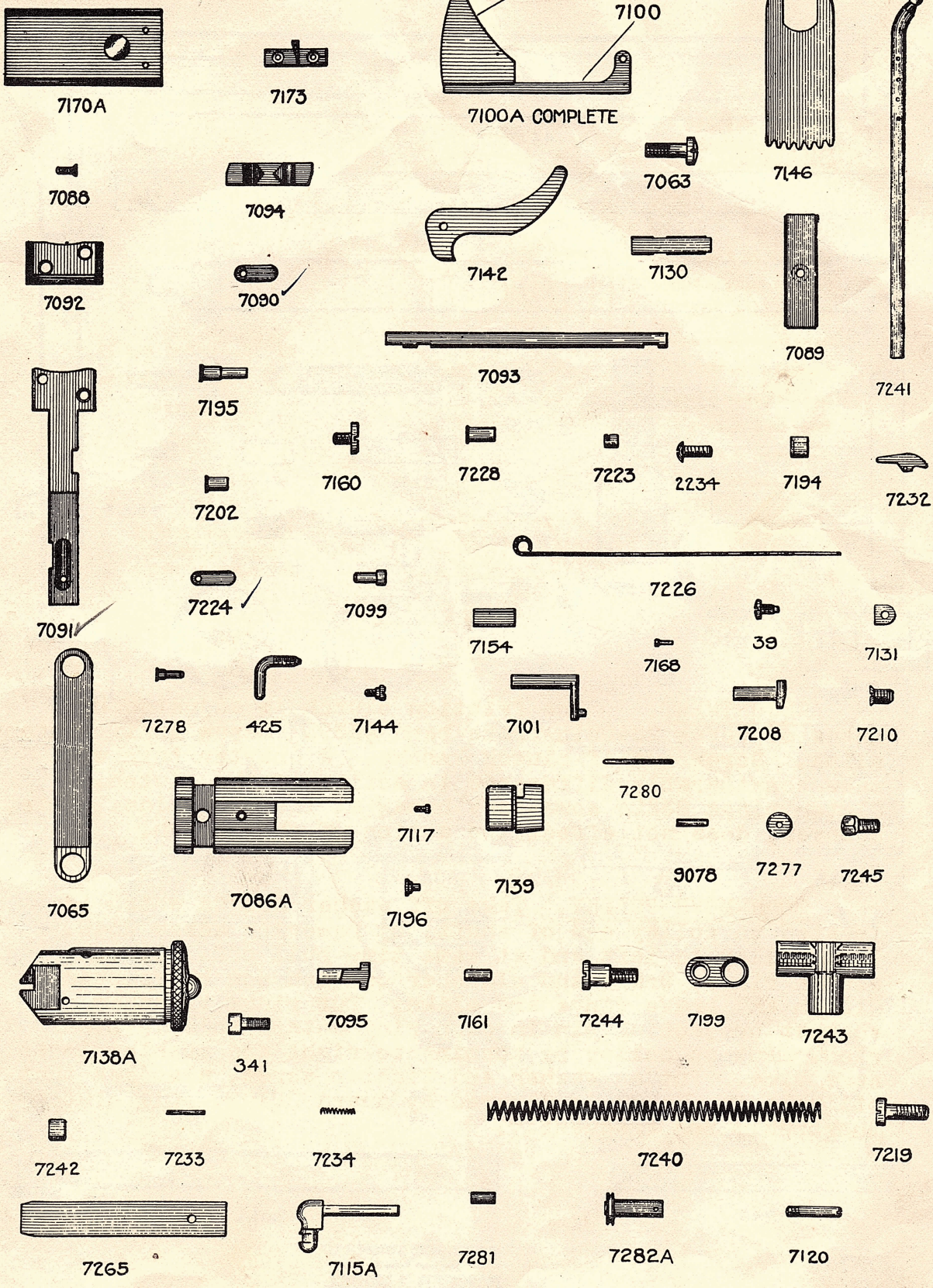
FRICTION CLUTCH



ADJUSTMENT. The friction clutch is adjusted by means of screw 2340B in brake band 2339. Screw in if clutch slips. Screw out if clutch knocks. A quarter turn will make considerable difference in action of the clutch. Clutch rings 2332A sometimes break at the thin side. This, however, does not affect the action of the clutch.

TO REMOVE PULLEY. Take off washer 2217CA which is located on pulley end of shaft, by removing screw 2349. Turn pulley to left and at same time pull off. Clutch, clutch rings, brake and clincher cam can now be removed. Clutch and brake rings are alike. Put rings together so that projecting pin in each ring enters hole in other ring. Put on pulley by turning to right and pushing in at same time. Put on washer and tighten screw, also see that oil hole in washer is covered by guard 2219B. Oil clutch thoroughly and frequently.

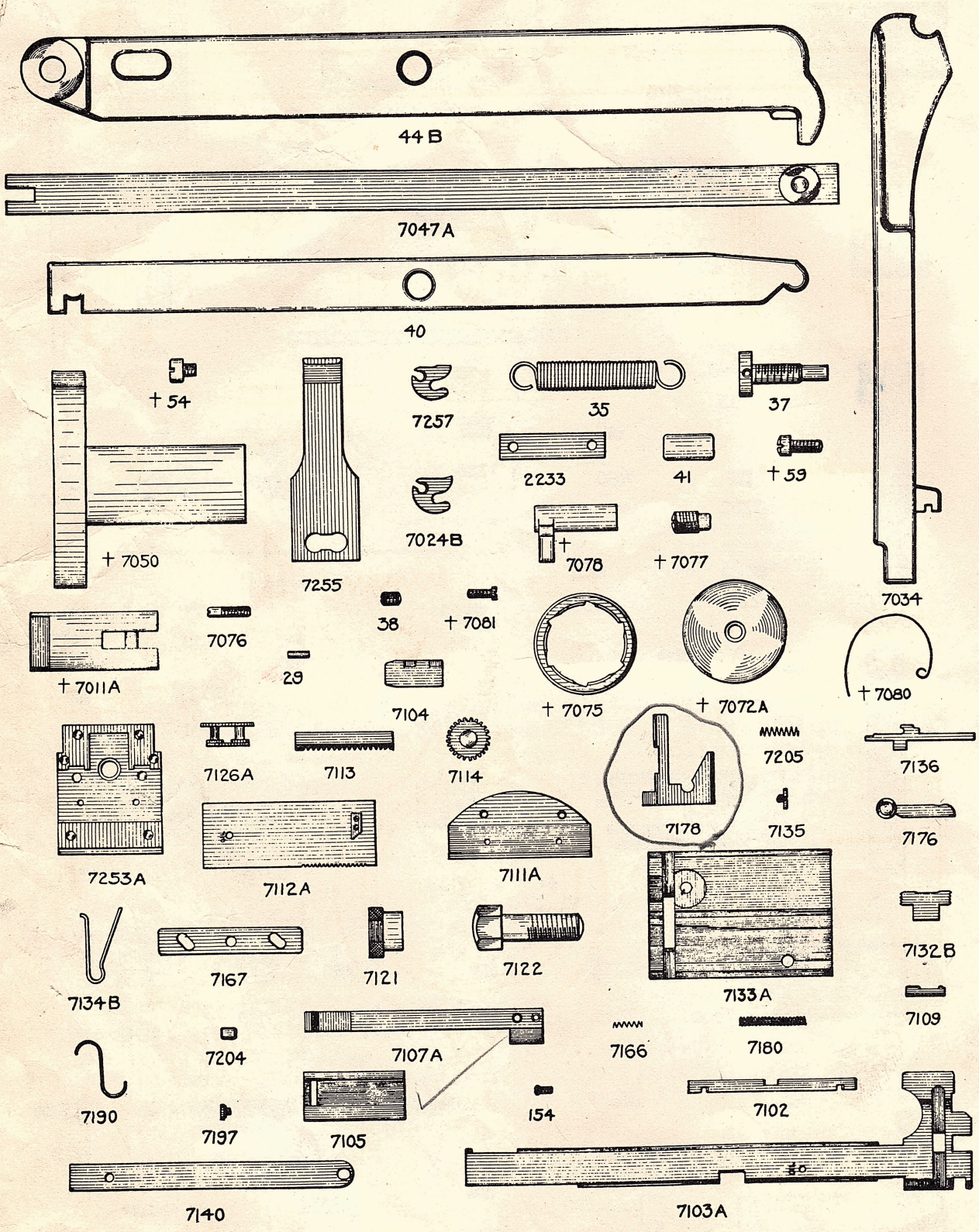
Component Parts, Number Seven Boston Wire Stitcher



BOSTON WIRE STITCHER CO.
~ Component Parts of ~
NUMBER 7 MODEL
November-6-1924 R.C.S.

TRADE MARK
BOSTITCH
REG. U. S. PAT. OFF.

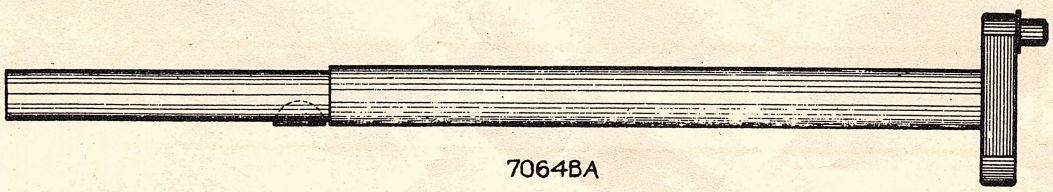
Component Parts, Number Seven Boston Wire Stitcher



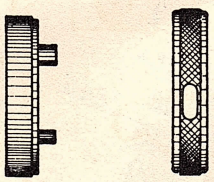
BOSTON WIRE STITCHER CO'
~ COMPONENT PARTS OF ~
NUMBER 7 MODEL
NOVEMBER-7-1950 REG.

TRADE MARK
BOSTITCH
REG. U. S. PAT. OFF.

+ RATCHET CLUTCH PARTS



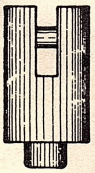
7064BA



2217CA 2219B

2341 2340

2336 2333



7011BA

2342

2334

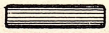
2345

2343

2347

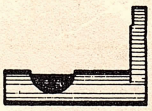
2335

2338

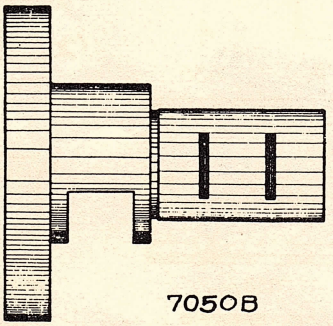


2344

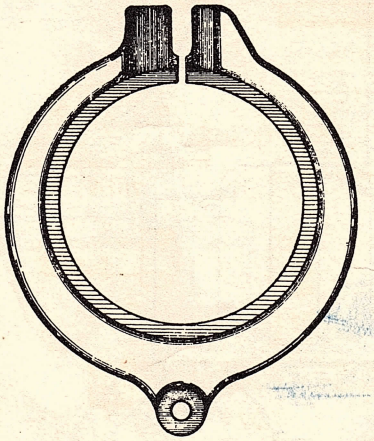
2350



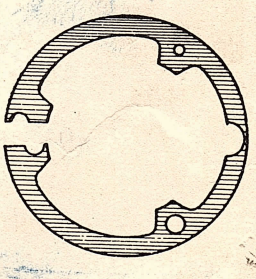
2337



7050B



2339

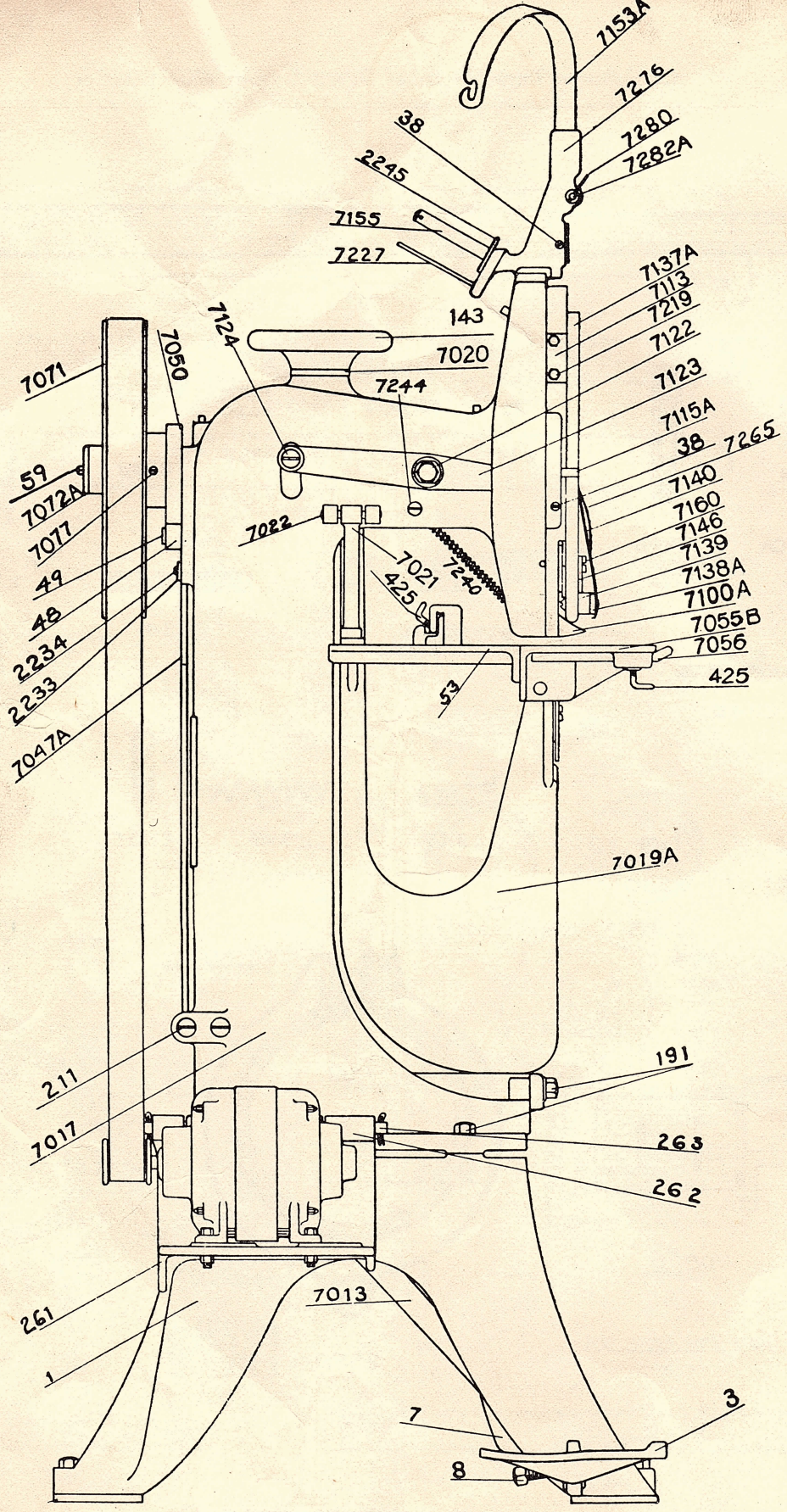


2332A

BOSTON WIRE STITCHER CO
~ COMPONENT PARTS OF ~
NUMBER 7 MODEL
NOVEMBER-7-1916 REG.

TRADE MARK
BOSTITCH
REG U S PAT. OFF.

FRICTION CLUTCH PARTS
AS USED ON V BELT MODELS

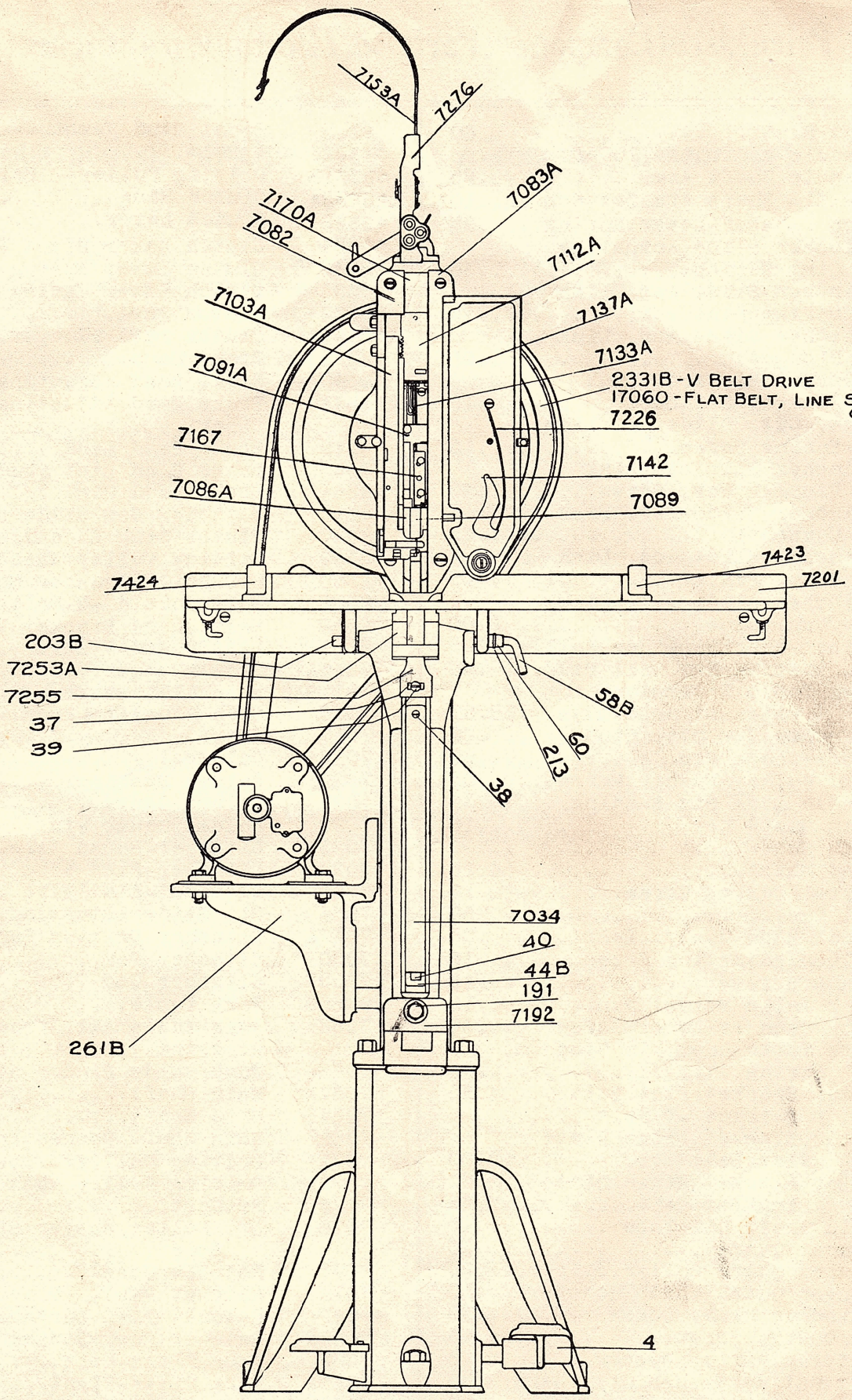


TRADE MARK
BOSTITCH
REG. U. S. PAT. OFF.

BOSTON WIRE STITCHER CO

COMPONENT PARTS OF

NUMBER 7 MODEL. FLAT BELT DRIVE RATCHET CLUTCH



TRADE MARK
BOSTITCH
REG. U. S. PAT. OFF.

BOSTON WIRE STITCHER CO.

~ COMPONENT PARTS OF ~

NUMBER 7 MODEL.

APPL.-17-1000 CLASS

V BELT DRIVE FRICTION CLUTCH

Price List of Component Parts No. 7 Boston Wire Stitcher

	Foot Rest	.60
	Treadle and Shaft 7005	2.25
	Treadle Shaft Arm	2.25
	Treadle Shaft Arm Set Scr	.10
14	Stop Plunger Lever Spring	.35
35	Clincher Slide Actuating Link Spring	.30
36	Clincher Slide Act. Link Spring Pin	.25
37	Clincher Slide Act. Link Plunger	1.25
38	Clincher Sl. Act. Link Plunger Set Screw	.15
38	Wire, Cut, Slide Friction Spring Screw	.15
39	Clincher Sl. Act. Link Plunger Ret. Screw	.20
40	Clincher Slide Act. Link Connection	1.35
41	Clincher Slide Act. Link Conn. Pin	.05
44B	Clincher Slide Act. Link Conn. Shoe	2.00
48	Clincher Driving Bar Roll	.65
49	Cl. Driving Bar Roll Stud	.45
53	Work Table Extension (extra attachment)	18.00
54	Clincher Cam Stop Stud	.20
58B	Saddle Lock Pin	.60
59	Dr. Pulley Washer Screw	.05
60	Saddle Lock Pin Bushing	.35
66	Main Shaft Key	.15
70	Main Shaft Bushing	.90
143	Hand Wheel	4.25
154	Swivel Spring Screw	.10
165	Oil Can	.50
174	Spool Stud Washer-Small	.05
191	Column Adjusting Screw	.15
191	Frame Screws	.15
203B	Work Table Swivel Pin	.15
211	Stop Plunger Lever Screw	.35
213	Work Table Lock Pin Stop Spring	.05
261	Motor Bracket-Flat Belt	4.50
261B	Motor Bracket--V Belt	
262	Motor Bracket Hinge Plate Flat Belt	2.00
263	Motor Bracket Hinge Plate Pin-Flat Belt	.45
318	Main Shaft Oil Tube	.15
320	Finger Guard	.35
321	Finger Guard Collar	.20
322	Finger Guard Thumb Screw	.10
341	Clincher Plate Screw	.10
425	Work Stop Screw	.15
*2217CA	Driving Pulley Washer	2.25
*2219B	Dr. Pulley Washer Oil Guard	.45
†2233	Clincher Driving Bar Strap	.35
2234	Cl. Driving Bar Strap Screw	.05
2245	Spool Stud Washer-Large	.20
2290B	V Belt	1.50
*2331B	Driving Pulley-V Belt	9.00
*2332A	Clutch Ring-	1.75
*2333	Clutch Lever	1.50
*2334	Clutch Lever Pivot Pin	.10
*2335	Clutch Lever Spring	.05
*2336	Clutch Lever Spring Plunger	.15
*2337	Clutch Pawl	2.50
*2338B	Clutch Pawl Plunger	.10
*2339	Brake Band	2.50
*2340	Brake Band Adjusting Screw	.40
*2341	Brake Band Adjusting Screw Lock	.10
*2342	Brake Band Link	.55
*2343	Brake Band Link Stud	.15
*2344	Brake Band Pin	.05
*2345	Clincher Cam Slide Strap	.75
*2347	Clutch Ring Expanding Pin	.15
*2349	Driving Pulley Washer Screw	.20
*2350	Dr. Pulley Washer Screw Lock	.05
2356	Belt Shield -V Belt	
2358	Belt Guard Bracket-V Belt	
2359	Belt Guard-V Belt	
†7011A	Stop Plunger	2.50
*7011BA	Stop Plunger	2.50
7013	Stop Plunger Lever	3.00
7017	Frame	45.00
7019A	Column	36.00
7020	Column Bushing	1.90
7021	Column Gauge	.50
7022	Column Gauge Pin	.10
‡ 7023	Clincher-Round Wire	1.00
‡ 7024	Clincher-Flat Wire	1.00
7024B	Clincher-Flat Wire	1.00
7034	Cl. Slide Actuating Link	1.80
7047A	Clincher Driving Bar	4.10
†7050	Clincher Cam	9.00
*7050B	Clincher Cam	9.00
7055B	Work Table	18.00
7056	Work Table Ext. Front (extra)	1.80
7063	Work Guide Binder Screw	.35
†7064A	Main Shaft	7.50
*7064BA	Main Shaft	7.50
7065	Main Shaft Connection Link	3.00
†7071	Driving Pulley	11.00
†7072A	Driving Pulley Washer	1.10
†7075	Ratchet	4.00
†7076	Dr. Pulley Washer Binder Screw	.15
†7077	Ratchet Screw	.30
†7078	Ratchet Pawl	2.25
†7080	Ratchet Pawl Spring	.15
†7081	Ratchet Pawl Spring Screw	.15
7082	Face Plate-Left	13.00
7083A	Face Plate-Right	8.50
7084	Face Plate Screw-upper	.40
7085	Face Plate Screw-Lower	.40

(* denotes friction clutch parts)
(+ denotes ratchet clutch parts)
(‡ denotes old style parts)