

GENUINE ELGIN MATERIAL

Grade 532, 539*, 8/0 size, 2nd Model. 16 Jewels. Sweep-second

Genuine Elgin parts are identical with those used in the original construction of Elgin watches. Each fits perfectly. You waste no costly time in making the material fit the watch. With genuine Elgin parts watches can be made as mechanically perfect as when they left the Elgin factory. You receive genuine Elgin parts in factory-sealed boxes or envelopes identified with the type, size, and number of parts. Authorized Elgin distributors are located in all sections of the country—your orders will be filled promptly. Use only genuine Elgin material for replacing these parts.

FOR PRICES SEE JEWELER AND WATCHMAKER MATERIAL PRICE LIST

NAME OF PART	Order by Cat. No.		NAME OF PART	Order by Cat. No.
	16 JEWEL			16 JEWEL
Arbor, Barrel	5236	*Grade 539 has "back" feature. This permits stopping sweep-second hand by lifting crown. This model has the following additional parts: Arbor, Pallet (5321); Arbor, Winding (5976); Lever, Balance Stop (6199); Spring, Balance, Stop Lever (6294).	Screws, Balance	5577
Arbor, Pallet	5237		Screws, Timing	5578
Arbor, Winding	5238		Screws, Barrel Bridge, Train Bridge, Balance Cock	5183
Balance, Beryl-X or Solid	5686		Screws, Pallet Bridge	5184
Balance Complete, Beryl-X	5683		Screws, Sweep Second Bridge	5576
Barrel	5241		Screws, Case	5186
Bushing, Upper Center	5568		Screws, Minute Wheel Clamp	5185
Bushing, Lower Center	5567		Screws, Click	5190
Clamp, Minute Wheel	5754		Screws, Dial Foot	5187
Click	5243		Screws, Cock Dome	5334
Clutch, Winding and Setting	5244		Screws, Lower Balance Jewel	5430
Collet, Hairspring	2744		Screws, Setting Lever	4924
Dome, Cock	5488-C2		Screws, Main	5191
Jewels, Balance Hole, Upper and Lower	5250		Screw, Sweep Second Spring	4410
Jewels, Balance Endstone, Upper	5251		Screw, Hairspring Stud	5194
Jewels, Balance Endstone, Lower	5252		Screw, Ratchet Wheel	5189
Jewels, Escape Upper	5253		Screw, Sweep Second Adjusting Spring	5467
Jewels, Escape Lower	5254		Spring, Click	5273
Jewels, Upper Fourth and Upper Third	5155		Spring, Clutch Lever	5274
Jewels, Lower Fourth and Lower Third	5256		Spring, Hair, Str. 2, Elginité	5934
Jewels, Jewel Pin	5246-D		Spring, Main Str, DuraPower	6002 D/P
Jewels, Pallet Upper	5257		Spring, Sweep Second	5495
Jewels, Pallet Lower	5258		Staff, Balance	5664
Jewels, Pallet Stones, "H" and "L"	5247-R		Stud, Hairspring	5276
Jewels, Sweep Second Pinion Cock	5675		Washer, Main Screw	5277
Lever, Clutch	5259		Wheel, Center	5278
Lever, Setting	5260		Wheel, Center Complete	5497
Pallet and Fork	5261		Wheel, Escape	5280
Pallet, Fork and Arbor	5262		Wheel, Escape and Pinion	5281
Pin, Banking	5263		Wheel, Fourth	5282
Pinion, Bevel	5264		Wheel, Fourth and Pinion	5498
Pinion, Cannon	5489		Wheel, Hour	5580
Pinion, Center	5490		Wheel, Main	5285-C3
Pinion, Escape	5267		Wheel, Minute	5286
Pinion, Fourth	5491		Wheel, Ratchet	5287-C9
Pinion, Third	5492		Wheel, Setting	5288
Pinion, Sweep Second	5493		Wheel, Sweep Second	5496
Regulator	5494		Wheel, Third	5289
Roller, 1-Piece, Double, with Jewel Pin	5271		Wheel, Third and Pinion	5499

ELGIN AUTOMATIC MOVEMENT

We are proud to announce the first American-made automatic wind watch, simple and sturdy in construction, practical, with ease of servicing.

The winding unit is readily removed from the movement by means of two holding screws. The winding unit proper consists of one winding sector assembly and pawl, thus eliminating intermediate wheels and pinions which were delicate and difficult to service by the watchmaker.

The rotor has sturdy pivots that function in heavy jewels, eliminating much danger from damage through rough usage or droppings of the watch. This feature also reduces excessive side shake of the rotor, which might permit the rotor to strike the case or plates.

The winding pinion, which carries the winding sector assembly, is extra-sturdy, connecting directly into the main wheel. This is another feature incorporated into the winding unit whereby there is no danger of stripping the gears should the mainspring become fully wound and not slip. The slip-end spring is constructed so the watch will become fully wound during the daily routine of the wearer, when it may be taken off, having sufficient power to continue running for approximately 24 hours. The movement being equipped with the DuraPower Mainspring, constant power is delivered through the train and escapement to provide constant time-keeping qualities, without any possibility of spring breakage or loss of power.

When servicing the watch, assure yourself that the main wheel and main wheel washer are thoroughly cleaned and oiled so they are free to rotate without binding. Also check the ratchet wheel so it does not bind on the barrel bridge.

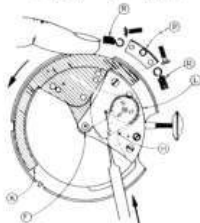
We recommend, when cleaning the Elgin Automatic Wind, that the mainspring be removed and thoroughly cleaned, and before inserting the mainspring in the barrel, oil the spring, using a tissue paper saturated with Elgin M56B watch oil, wiping the spring to its full length. Under no circumstances should you pull the spring out straight while performing this operation; always clean and oil the spring by following its natural curve. Always use a well constructed mainspring winder when replacing the mainspring in the barrel.

To facilitate dismantling and reassembling the Elgin Automatic Watch, the following illustrations and instructions should be followed:

1. Movement is to be removed from case as follows: (See Figure 1)
 - a. Loosen Setting Lever Screw "A" a few turns.
 - b. Remove Winding Arbor and Crown.
 - c. Remove Case Screw "B".
 - d. Rock movement out of case raising portion near Case Screw "B" first.



Top Side
FIGURE 1

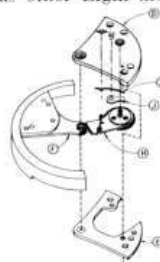


Top Side
FIGURE 6

2. After watch movement has been removed from case, the Buffer Springs "R" and Buffer Spring Block "P" should be removed. (See Figure 6)
3. The Winding Cock Plate Assembly can be removed from watch movement by removing the two Winding Cock Plate Screws "M". (See Figure 5)

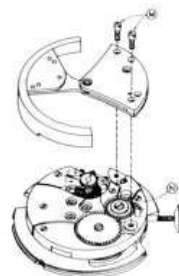
4. The Winding Cock Plate Assembly can be disassembled as follows: (See Figure 2)
 - a. Remove Winding Sector Assembly "H" from the Winding Cock Plate Assembly.
 - b. Remove Screw "G" and separate parts as shown.

5. The remainder of the Elgin automatic watch may be disassembled in the same manner as other Elgin movements.



Top Side
FIGURE 2

6. The automatic winding assembly may be reassembled as follows: (See Figures 2, 3 and 4)
 - a. When reassembling the Automatic Wind Assy., the Impulse Sector "F" and the Winding Cock Plates "D" and "E" must be assembled as shown in Figure 2. This assembly is held together with Screw "G".
 - b. Assemble Holding Pawl to Winding Assembly and adjust spring "S" so point of Pawl "J" is flush with edge of peek hole. (See Figure 3)
 - c. After adjusting tension of the Holding Pawl, push the Winding Weight in direction of arrow and then place the Winding Sector Assy. "H" into position (see Fig. 4). Be sure that Holding Pawl tooth is properly engaged in the Winding Ratchet.

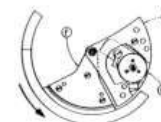


Top Side
FIGURE 3



Under Side
FIGURE 3

7. The complete Winding Assembly is reassembled to watch movement as follows: (See Figures 4 and 5)
 - a. The Winding Assembly shown in Fig. 4 must be held firmly with tweezers and placed into position on watch movement (see Fig. 5). If the pinion teeth on the Winding Sector Arbor do not engage immediately with the Main Wheel "N" move Winding Arbor slightly.
 - b. After gears are engaged and the Winding Cock Plates are properly seated, the Plate Screws "M" (Fig. 5) are to be replaced.



Under Side
FIGURE 4

8. Engage the Winding Sector "H" and Impulse Sector "F" gears as shown in Fig. 6 by pushing Winding Weight "K" against Winding Cock "L" and then with tweezers push Winding Sector "H" against Impulse Sector "F". When gears are properly engaged pull Winding Weight "K" in direction of arrow and replace the Buffer Block "P" and Buffer Springs "R".
9. Insert movement in case by dropping pin "C" (Fig. 1) into slot in case, then rock movement in position and reassemble according to standard practice.

GENUINE ELGIN MATERIAL

Grade 607, 18 Jewel, Automatic

Genuine Elgin parts are identical with those used in the original construction of Elgin watches. Each fits perfectly. You waste no costly time in making the material fit the watch. With genuine Elgin parts watches can be made as mechanically perfect as when they left the Elgin factory. You receive genuine Elgin parts in factory-sealed boxes or envelopes identified with the type, size, and number of parts. Authorized Elgin distributors are located in all sections of the country—your orders will be filled promptly. Use only genuine Elgin material for replacing these parts.

FOR PRICES SEE JEWELER AND WATCHMAKER MATERIAL PRICE LIST

NAME OF PART	Order by Cat. No. 18 JEWEL Grade 607	NAME OF PART	Order by Cat. No. 18 JEWEL Grade 607
Arbor, Barrel	6393	Screw, Clamp, Endstone, Balance Lower	5469
Arbor, Pallet	6395	Screw, Clamp, Minute Wheel	6083
Arbor, Winding	6397	Screw, Cock, Balance	6360
Balance, Beryl-X	6256	Screw, Cock, Center	6051
Balance, Complete	6398	Screw, Cock, Winding	6360
Barrel	6399	Screw, Cock, Winding, Lower	6317
Bushing, Winding Sector, Upper	5965	Screw, Dial Foot	6079
Bushing, Winding Sector, Lower	5965	Screw, Dome, Cock	5334
Clamp, Endstone, Balance Lower, With Jewel	5999	Screw, Lever Setting	6358
Clamp, Endstone, Balance Lower, Without Jewel	5536	Screw, Main	6357
Clamp, Minute Wheel	6400	Screw, Pawl, Winding	6089
Click	6401	Screw, Spring, Buffer	5186
Clutch	6402	Screw, Spring, Pawl	6090
Collet, Hair Spring	5095	Screw, Stud, Hair Spring	4986
Dome, Cock, With Jewel	6265	Screw, Washer, Winding Sector	5473
Dome, Cock, Without Jewel	6264	Screw, Weight, Impulse Sector	6359
Jewel, Endstone, Balance Upper	6267	Screw, Wheel, Ratchet	5329
Jewel, Endstone, Balance Lower	5525	Sector, Impulse Complete	6423
Jewel, Hole, Balance Upper and Lower	5745	Sector, Impulse, With Arbor	6424
Jewel, Hole, Center Upper for 4th in Train Bridge	6403	Sector, Winding Complete	6426
Jewel, Hole, Center Lower also Center Cock Lower	6404	Sector, Winding	6427
Jewel, Hole, Cock, Winding Upper and Lower	6405	Spring, Buffer	6428
Jewel, Hole, Escape Upper	6406	Spring, Click	6429
Jewel, Hole, Escape Lower, Pallet Upper and Lower	6235	Spring, Hair, Elginite	6228
Jewel, Hole, Third Upper and Lower	6403	Spring, Lever, Clutch	5274
Jewel, Pallet Stone "R"	6238	Spring, Main, DuraPower	6329
Jewel, Pallet Stone "L"	6239	Spring, Pawl, Holding	6430
Jewel, Roller, or Jewel Pin	6207	Spring, Pawl, Winding	6431
Lever, Clutch	6407	Staff, Balance	6432
Lever, Setting	6408	Stud, Hair Spring	5552
Pallet Fork and Arbor, With Stones	6409	Washer, Click	6433
Pawl, Holding	6410	Washer, Main Wheel	6434
Pawl, Winding	6411	Washer, Winding Sector	6435
Pin, Banking	6412	Weight, Sector Impulse	6436
Pinion, Bevel	6413	Wheel, Center	6437
Pinion, Cannon	6414	Wheel, Center Complete	6438
Pinion, Center	6415	Wheel, Escape	6218
Pinion, Escape	6416	Wheel, Escape and Pinion	6439
Pinion, Fourth	6417	Wheel, Fourth	6440
Pinion, Third	6418	Wheel, Fourth and Pinion	6441
Plate, Buffer Spring	6420	Wheel, Hour	6442
Ratchet, Winding and Pinion	6421	Wheel, Inter Setting	6443
Regulator, (Order "Long" Pins)	5548	Wheel, Main	6444
Roller and Pin	6214	Wheel, Minute	6445
Screw, Balance	6088	Wheel, Ratchet	6446
Screw, Balance Timing	6285	Wheel, Setting	6447
Screw, Bridge, Barrel, Train	6360	Wheel, Third	6448
Screw, Bridge, Pallet	6081	Wheel, Third and Pinion	6449
Screw, Case	6225		

ELGIN AUTOMATIC MOVEMENT

GRADE 607



Train side of movement

The material illustrated below is actual size for Grade 607. These illustrations cover the most important parts for replacement purposes. A complete listing of all materials for this grade is shown on the opposite page. You will please note that each part has its factory number, and we suggest that you use the name of the part in addition to the factory number when you are ordering any of these items from your Elgin Genuine Material Distributor.



Dial side of movement

					
6393 Arbor, Barrel	6397 Arbor, Winding	6399 Barrel	6256 Balance, Beryl-X	6398 Balance, Complete	5999 Clamp, Endstone-Lower Balance
					
6400 Clamp, Minute Wheel	6401 Click	6402 Clutch, Winding and Setting	6265 Dome, Cock	6407 Lever, Clutch	6408 Lever, Setting
					
6409 Pallet, Fork and Arbor	6410 Pawl, Holding	6411 Pawl, Winding	6413 Pinion, Bevel	6414 Pinion, Cannon	6420 Plate, Buffer Spring
					
6421 Ratchet, Winding and Pinion	5548 Regulator	6214 Roller, Double, with Jewel Pin	6424 Sector, Impulse and Arbor	6427 Sector, Winding	6428 Spring, Buffer
					
6429 Spring, Click	5274 Spring, Clutch Lever	6228 Spring, Hair Elastic	6430 Spring, Holding Pawl	6431 Spring, Winding Pawl	6329 Spring, Main DuralPower

Materials for all grades of this movement listed on back of this sheet.





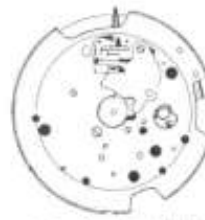
ELGIN AUTOMATIC MOVEMENT



Train side of movement

Grade 618

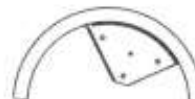
The material illustrated below is actual size for Grade 618. These illustrations cover the most important parts for replacement purposes. A complete listing of all materials for this grade is shown on the opposite page. You will please note that each part has its factory number, and we suggest that you use the name of the part in addition to the factory number when you are ordering any of these items.



Dial side of movement

ENJASCO MASTER SYSTEM

	No.
Balance Staff	27 D
Jewel, balance upper	17 D
Jewel, balance lower	17 D
Mainspring,	E 130 A

6393
Arbor Barrel6397
Arbor, Winding6399
Barrel6256
Balance, Beryl-X6557
Balance, Complete6561
Jewel and Endstone Assy.
Balance Lower6400
Clamp, Minute Wheel6401
Click6402
Clutch, Winding
and Setting6560
Jewel and Endstone Assy.
Balance Upper6407
Lever, Clutch6408
Lever, Setting6409
Pallet, Fork
and Arbor6410
Pawl, Holding6411
Pawl, Winding6413
Pinion, Bevel6414
Pinion, Cannon6420
Plate, Buffer Spring6421
Ratchet, Winding
and Pinion5548
Regulator6214
Roller, Double
with Jewel Pin6424
Sector, Impulse
and Arbor6427
Sector, Winding6428
Spring, Buffer6429
Spring, Click6562
Spring, Clutch Lever6228
Spring, Hair
Elginité6430
Spring, Holding Pawl6431
Spring, Winding Pawl6329
Spring, Main
DuraPower6563
Spring6446
Wheel, Ratchet6447
Wheel, Setting6449
Wheel, Third
and Pinion6564
Staff, Balance6433
Washer, Click6435
Washer, Winding Sector6434
Washer, Main
Wheel6436
Weight, Impulse
Sector6438
Wheel, Center
Complete6439
Wheel, Escape
and Pinion6441
Wheel, Fourth
and Pinion6442
Wheel, Hour6443
Wheel, Intersecting6444
Wheel, Main6445
Wheel, Minute



ELGIN AUTOMATIC

Grade 618, 18 Jewel, Automatic Shockmaster

NAME OF PART	18 JEWEL Grade 618
Arbor, Barrel	6393
Arbor, Pallet	6395
Arbor, Winding	6397
Balance, Beryl-X	6256
Balance, Complete	6557
Barrel	6399
Bushing, Winding Sector, Upper	5965
Bushing, Winding Sector, Lower	5965
Clamp, Endstone,	6561
Clamp, Minute Wheel	6400
Click	6401
Clutch	6402
Collet, Hair Spring	5995
Cock, Dome,	6560
Jewel, Endstone, Balance Upper and lower	6558
Jewel, Hole, Balance Upper and Lower	6559
Jewel, Hole, Center Upper for 4th in Train Bridge	6403
Jewel, Hole, Center Lower also Center Cock Lower	6401
Jewel, Hole, Cock, Winding Upper and Lower	6403
Jewel, Hole, Escape Upper	6406
Jewel, Hole, Escape Lower, Pallet Upper and Lower	6235
Jewel, Hole, Third Upper and Lower	6403
Jewel, Pallet Stone "R"	6238
Jewel, Pallet Stone "L"	6239
Jewel, Roller, or Jewel Pin	6207
Lever, Clutch	6407
Lever, Setting	6408
Pallet Fork and Arbor, With Stones	6409
Pawl, Holding	6410
Pawl, Winding	6411
Pin, Banking	6412
Pinion, Bevel	6413
Pinion, Cannon	6414
Pinion, Center	6415
Pinion, Escape	6416
Pinion, Fourth	6417
Pinion, Third	6418
Plate, Buffer Spring	6420
Ratchet, Winding and Pinion	6421
Regulator, (Order "Long" Pins)	5548
Roller and Pin	6379
Screw, Balance	6088
Screw, Balance Timing	6285
Screw, Bridge, Barrel, Train	6369
Screw, Bridge, Pallet	6081
Screw, Case	6225
Screw, Clamp, Minute Wheel	6083

NAME OF PART	18 JEWEL Grade 618
Screw, Cock, Balance	6360
Screw, Cock, Center	6051
Screw, Cock, Winding	6360
Screw, Cock, Winding, Lower	6317
Screw, Dial Foot	6079
Screw, Lever Setting	6358
Screw, Main	6357
Screw, Pawl, Winding	6089
Screw, Spring, Buffer	5186
Screw, Spring, Pawl	6990
Screw, Stud, Hair Spring	4986
Screw, Washer, Winding Sector	5473
Screw, Weight, Impulse Sector	6359
Screw, Wheel, Ratchet	5329
Sector, Impulse Complete	6423
Sector, Impulse, With Arbor	6424
Sector, Winding Complete	6426
Sector, Winding	6427
Spring, Buffer	6428
Spring, Click	6429
Spring, Hair, Elginité	6228
Spring Holding	6563
Spring, Lever, Clutch	6562
Spring, Main, DuraPower	6329
Spring, Pawl, Holding	6430
Spring, Pawl, Winding	6431
Staff, Balance	6564
Stud, Hair Spring	5552
Washer, Click	6433
Washer, Main Wheel	6434
Washer, Winding Sector	6435
Weight, Sector Impulse	6436
Wheel, Center	6437
Wheel, Center Complete	6438
Wheel, Escape	6248
Wheel, Escape and Pinion	6439
Wheel, Fourth	6440
Wheel, Fourth and Pinion	6441
Wheel, Hour	6442
Wheel, Inter Setting	6443
Wheel, Main	6444
Wheel, Minute	6445
Wheel, Ratchet	6446
Wheel, Setting	6447
Wheel, Third	6448
Wheel, Third and Pinion	6449



ELGIN AUTOMATIC

INSTRUCTIONS FOR ASSEMBLY AND DISASSEMBLY

The winding unit is readily removed from the movement by means of two holding screws. The winding unit proper consists of one winding sector assembly and pawl, thus eliminating intermediate wheels and pinions which were delicate and difficult to service by the watchmaker.

The rotor has sturdy pivots that function in heavy jewels, eliminating much danger from damage through rough usage or droppings of the watch. This feature also reduces excessive side shake of the rotor, which might permit the rotor to strike the case or plates.

The winding pinion, which carries the winding sector assembly, is extra-sturdy, connecting directly into the main wheel. This is another feature incorporated into the winding unit whereby there is no danger of stripping the gears should the mainspring become fully wound and not slip. The slip-end spring is constructed so the watch will become fully wound during the daily routine of the wearer, when it may be taken off, having sufficient power to continue running for approximately 24 hours. The movement being equipped with the DuraPower Mainspring, constant power is delivered through the train and escapement to provide constant time-keeping qualities, without any possibility of spring breakage or loss of power.

When servicing the watch, assure yourself that the main wheel and main wheel washer are thoroughly cleaned and oiled so they are free to rotate without binding. Also check the ratchet wheel so it does not bind on the barrel bridge.

We recommend, when cleaning the Elgin Automatic Wind, that the mainspring be removed and thoroughly cleaned, and before inserting the mainspring in the barrel, oil the spring, using a tissue paper saturated with Elgin M56B watch oil, wiping the spring to its full length. Under no circumstances should you pull the spring out straight while performing this operation; always clean and oil the spring by following its natural curve. Always use a well constructed mainspring winder when replacing the mainspring in the barrel.

When cleaning and oiling the watch, the pivots that carry the rotor and the winding pinion pivots should be greased

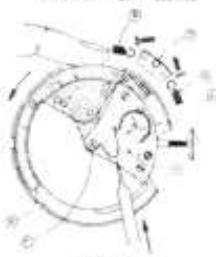
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To facilitate dismantling and reassembling the Elgin Automatic Watch, the following illustrations and instructions should be followed:

1. Movement is to be removed from case as follows: (See Figure 1)
 - a. Loosen Setting Lever Screw "A" a few turns.
 - b. Remove Winding Arbor and Crown.
 - c. Remove Case Screw "B".
 - d. Rock movement out of case raising portion near Case Screw "B" first.



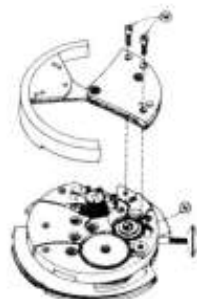
Top Side
FIGURE 1



Top Side
FIGURE 2

2. After watch movement has been removed from case, the Buffer Springs "R" and Buffer Spring Block "P" should be removed. (See Figure 6)
3. The Winding Cock Plate Assembly can be removed from watch movement by removing the two Winding Cock Plate Screws "M". (See Figure 5)

4. The Winding Cock Plate Assembly can be disassembled as follows: (See Figure 2)
 - a. Remove Winding Sector Assembly "H" from the Winding Cock Plate Assembly.
 - b. Remove Screw "G" and separate parts as shown.



Top Side
FIGURE 3

5. The remainder of the Elgin automatic watch may be disassembled in the same manner as other Elgin movements.



Top Side
FIGURE 4

6. The automatic winding assembly may be reassembled as follows: (See Figures 2, 3 and 4)
 - a. When reassembling the Automatic Wind Assy., the Impulse Sector "F" and the Winding Cock Plates "D" and "E" must be assembled as shown in Figure 2. This assembly is held together with Screw "G".
 - b. Assemble Holding Pawl to Winding Assembly and adjust spring "S" so point of Pawl "J" is flush with edge of peek hole. (See Figure 3)
 - c. After adjusting tension of the Holding Pawl, push the Winding Weight in direction of arrow and then place the Winding Sector Assy. "H" into position (see Fig. 4). Be sure that Holding Pawl tooth is properly engaged in the Winding Ratchet.



Under Side
FIGURE 5

7. The complete Winding Assembly is reassembled to watch movement as follows: (See Figures 4 and 5)
 - a. The Winding Assembly shown in Fig. 4 must be held firmly with tweezers and placed into position on watch movement (see Fig. 5). If the pinion teeth on the Winding Sector Arbor do not engage immediately with the Main Wheel "N" move Winding Arbor slightly.
 - b. After gears are engaged and the Winding Cock Plates are properly seated, the Plate Screws "M" (Fig. 5) are to be replaced.



Under Side
FIGURE 6

8. Engage the Winding Sector "H" and Impulse Sector "F" gears as shown in Fig. 6 by pushing Winding Weight "K" against Winding Cock "L" and then with tweezers push Winding Sector "H" against Impulse Sector "F". When gears are properly engaged pull Winding Weight "K" in direction of arrow and replace the Buffer Block "P" and Buffer Springs "R".
9. Insert movement in case by dropping pin "C" (Fig. 1) into slot in case, then rock movement in position and reassemble according to standard practice.