PRICE LIST OF PARTS

1—Motor frame casting; drilled and assembled with studs and bushings (by express)	$4.00
2—Spring cases, each	.45
3—Spring case partition plate, each	.35
4—Spring case partition plate screws (each)	.03
5—Springs main, each, by express	1.00
6—Winding crank, each	.65
7—Winding pinion, each	.35
8—Winding shaft	.25
9—Winding shaft clutch spring, each	.15
10—Winding gear and spring sleeve, assembled complete	.75
11—Driving gear and spring sleeve, assembled complete	.70
12—Main spring shaft	.25
13—Main spring shaft set screw	.05
14—Intermediate gear and pinion, assembled complete	.60
15—Intermediate gear screw	.10
16—Bevel gear and pinion, assembled complete	.75
17—Bevel gear bushing	.15
18—Bevel pinion and spiral gear assembled complete	1.00
19—Governor shaft, each	.45
20—Governor shaft set collar, each	.15
21—Governor shaft collar set screw, each	.05
22—Governor disc, each	.40
23—Governor balls, each	.15
24—Governor ball screws, each	.05
25—Governor springs, each	.15
26—Governor spring screws, each	.03
27—Triangle bearing for governor shaft, each	.15
28—Triangle bearing screw, each	.05
29—Governor shaft end bearing, each	.15
30—Governor shaft end bearing set screw, each	.05
31—Motor, assembled complete, by exp.	15.00
32—Turntable, each, by express	1.75
33—Turntable spindle, each	.35
34—Turntable spindle set collar, each	.15
35—Turntable spindle set collar screw, each	.05
36—Stop and start cover plate, each	.25
37—Stop and start lever, each	$ .25
38—Speed regulating screw, each	.20
39—Speed adjusting shaft, each	.20
40—Speed adjusting yoke, each	.35
41—Speed adjusting shaft, angle bearing, each	.20
42—Compression spring on speed adjusting shaft, each	.10
43—Set collar on speed adjusting shaft, each	.15
44—Lid bolts for motor frame, each	.10
45—Rubber washers for motor, each	.03
46—Lid catch spring bolt, assembled complete	.50
47—Lid catch angle plate, each	.15
48—Lid support, assembled complete	.50
49—Cross arm horn support, each	2.00
50—Main horn supporting crane, each, by express	1.75
51—Tie rods for horns, with nuts, assembled complete	.35
52—Reproducer, assembled complete	5.20
53—Reproducer side, with elbow, assembled complete	1.00
54—Reproducer side screws, each	.05
55—Reproducer center ring, each	.75
56—Reproducer needle arm, each	.75
57—Reproducer needle arm point bearing screw, each	.10
58—Reproducer needle arm point bearing jamb nut, each	.10
59—Reproducer needle set screw, each	.10
60—Reproducer diaphragm, each	.40
61—Reproducer diaphragm screw, each	.10
62—Cabinet, by express	7.00
63—Rubber tip, for bottom of cabinet, each	.10
64—30 inch silk covered horn, each, by express	5.00
65—Spring for horn weight regulating attachment	.25
66—Washer for horn weight regulating attachment	.10
67—Screw for horn weight regulating attachment	.15
68—Knurled nut for horn weight regulating attachment	.10
69—Nickel plated carrying handle	.50

CATALOGUE and PRICE LIST

OF

REPAIR PARTS

FOR THE

Duplex Phonograph

FOR SALE BY

C. Q. DEFRANCE

Kalamazoo, Mich.

REMARKS

Always give the number of your Duplex (edge of cabinet under lid).

Usually it is not necessary to send in cabinet with motor. Simply remove motor, pack well in a small wooden box, mark box with your name or put a card inside, and ship by prepaid express. Notify me by letter that you have made shipment.

There are eight different models of Duplex motors, designated by the letters, A, B, C, D, E, F, G and H. Each style differs in some respects from all the others, the variations being in turntable spindle, winding crank, start lever, and ratchet or clutch spring.

Turntable: Motors A, B, C, D, E and F have taper turntable spindle. G and H have straight spindle with pin through.

Start Device: Motors A and B have speed finder lever on top of cabinet. C, D, E, F and G have lever working through slot in cabinet and adjusted by screw on top. H has separate plunger stop which strikes edge of turntable, and a speed adjusting screw passing through cabinet. All motors except H are stopped by stopping the governor.

Crank: Motors A, B and C have screw-on crank. D, E, F, G and H have clutch-and-pin crank.

Ratchet or Clutch: Motors A, B and C have ratchet and dog. D has small wire clutch spring fastened to winding shaft and pinion. E has heavier wire clutch spring in two coils at right angles to each other, one passing over winding shaft and the other over a post cast in motor frame. F, G and H have straight heavy wire clutch spring placed over winding shaft, where the shaft is divided.

Spiral Gear and Bevel Pinion: This part goes on bottom of turntable spindle and operates the governor worm shaft. All motors, except C, take the same size spiral gear. Motor C is one tooth larger.

Winding Gear: Motors E, F, G and H have heavy steel winding gear with brass spring sleeve, and heavy brass winding pinion on crank shaft. Model D has very light brass winding pinion on a steel crank shaft, and small brass winding gear and sleeve. A, B and C have steel ratchet fastened to brass winding gear and sleeve; and small steel winding pinion and screw crank shaft in one piece; also steel dog.

Driving Gear and Sleeve: This goes at the opposite of spring case from the winding gear. All models take the same diameter of gear, but the spring sleeve is longer in Models D to H.

Intermediate Gear and Pinion: The pinion in this engages and is driven by the driving gear, and the intermediate gear itself engages and drives the pinion of the bevel gear. All models take the same size.

Bevel Gear and Pinion: The pinion in this engages and is driven by the intermediate gear, and the bevel gear itself engages and drives the bevel pinion which is part of the spiral gear. Same size in all models.

Modifications: Where motors are sent in for repair, I can change Model D with its very weak winding apparatus to Model C, which is much stronger and more durable. I change all E clutch springs to the straight Model F—an important change as the right angle in E causes frequent breaking, while only two F clutch springs have broken in the past three years.

Prices and Terms: Prices on all items unless otherwise specified, include delivery by mail postpaid. Terms cash with order when convenient. Otherwise, on delivery of goods. I prefer not to ship C. O. D. as it causes an unnecessary expense for return of money.

I am prepared to repair any talking machine made. Always ready to make an offer for your old machine in exchange for a new one. Glad to answer your letters.

Write to

C. Q. DEFRANCE,

Successor to Duplex Phonograph Co.

Kalamazoo, Mich.