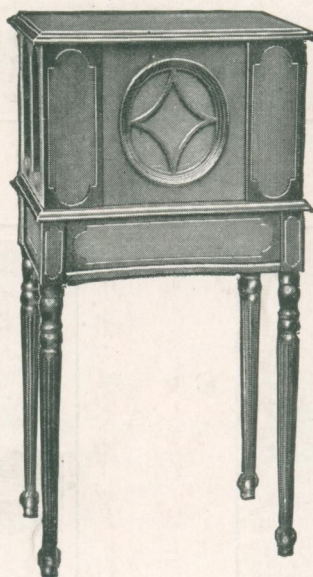


Radiola Loudspeaker

Model 104

Replacement Parts List



Second Edition
Aug. 20, 1926

Radio Corporation of America

NATIONAL SERVICE DIVISION

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New York City

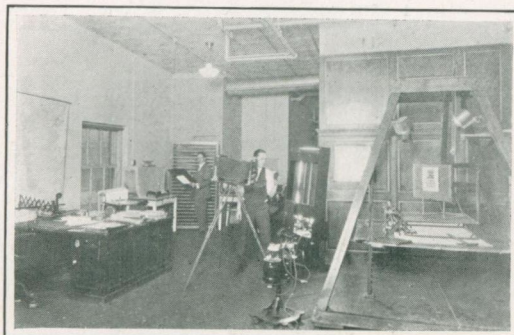
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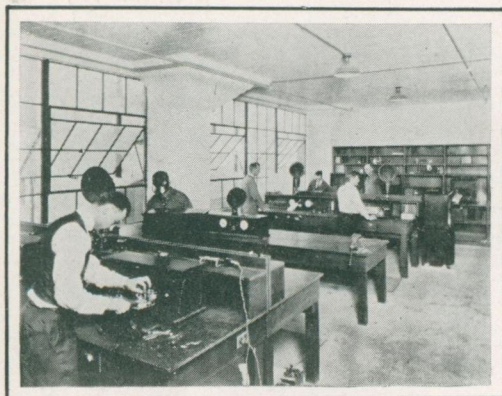
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General Offices
233 Broadway, New York



New York Service Station
Cataloging Dept.



San Francisco Service Station
Radiola Test and Repair Shop



Chicago Service Station
Radiotron Test Laboratory



A Section of New York Service Station
Stock Room

Radiola Loudspeaker Model 104

Parts List

Use of List

This catalog contains a complete list of the component parts contained in Radiola Loudspeaker Model 104 and is intended for RCA Authorized Dealers and Radiola Distributors only. Each part is illustrated by photograph, described and numbered. No item listed herein will be sold except for replacement purposes. Order by both catalog number and stock number.

To facilitate the servicing of Radiolas, Dealers and Distributors are expected to stock important replacement parts. The RCA will, upon request, supply a list of the particular parts most frequently required in repair work. Dealers and Distributors need not, however, limit their stock to this list, but should include those parts for which, in their judgment and experience, there is a demand.

RCA Service

The RCA guarantees its products against manufacturing defects. All Radiolas are thoroughly tested at the factories before shipment. In addition to the provisions made to assure a perfect product reaching the public, the RCA maintains major service stations in New York, Chicago and San Francisco. These service stations stand ready to render prompt and efficient service in making an adjustment on parts which, upon inspection, are found to be defective in manufacture. Repair work which is beyond the scope of the Dealer and Distributor is also handled by these three major service stations.

Service at point of contact is most important in avoiding unnecessary delay and expense to Radiola users and therefore Dealers are urged to provide facilities for effecting repairs. Dealers should be in a position to render "first aid repair service" in their particular localities. An operating test should be conducted before sale. If this test discloses a defect in manufacture and the Dealer is unable to effect repair, he should return the defective part to his Distributor for replacement. The Distributor in turn will receive adjustment from the RCA. The complete Radiola should not be returned to the Distributor unless it is absolutely necessary. Any replacement parts for a Radiola which a Dealer may have on hand at the expiration of one year after the model has been discontinued may be returned to his Distributor for credit. The RCA will accept the return of such parts from the Distributor including the Distributor's stock and issue a merchandise credit.

If the RCA Authorized Dealer and Radiola Distributor are equipped to take care of minor repairs and render direct service at point of contact, few complaints from users of Radiolas need go beyond their attention. Good service is the Dealer's best salesman. The RCA has prepared a booklet entitled "RCA Authorized Dealer Service Helps" which, when followed, will result in increased sales. This booklet is obtainable upon request. Pictures of complete Radiolas and parts have been produced in film form and are available to Distributors for educational service work. These films, accompanied by lecture notes, may be obtained from any RCA Service Station.

Supplements to this catalog will be published when required changes or additions make it necessary.

August 20, 1926.

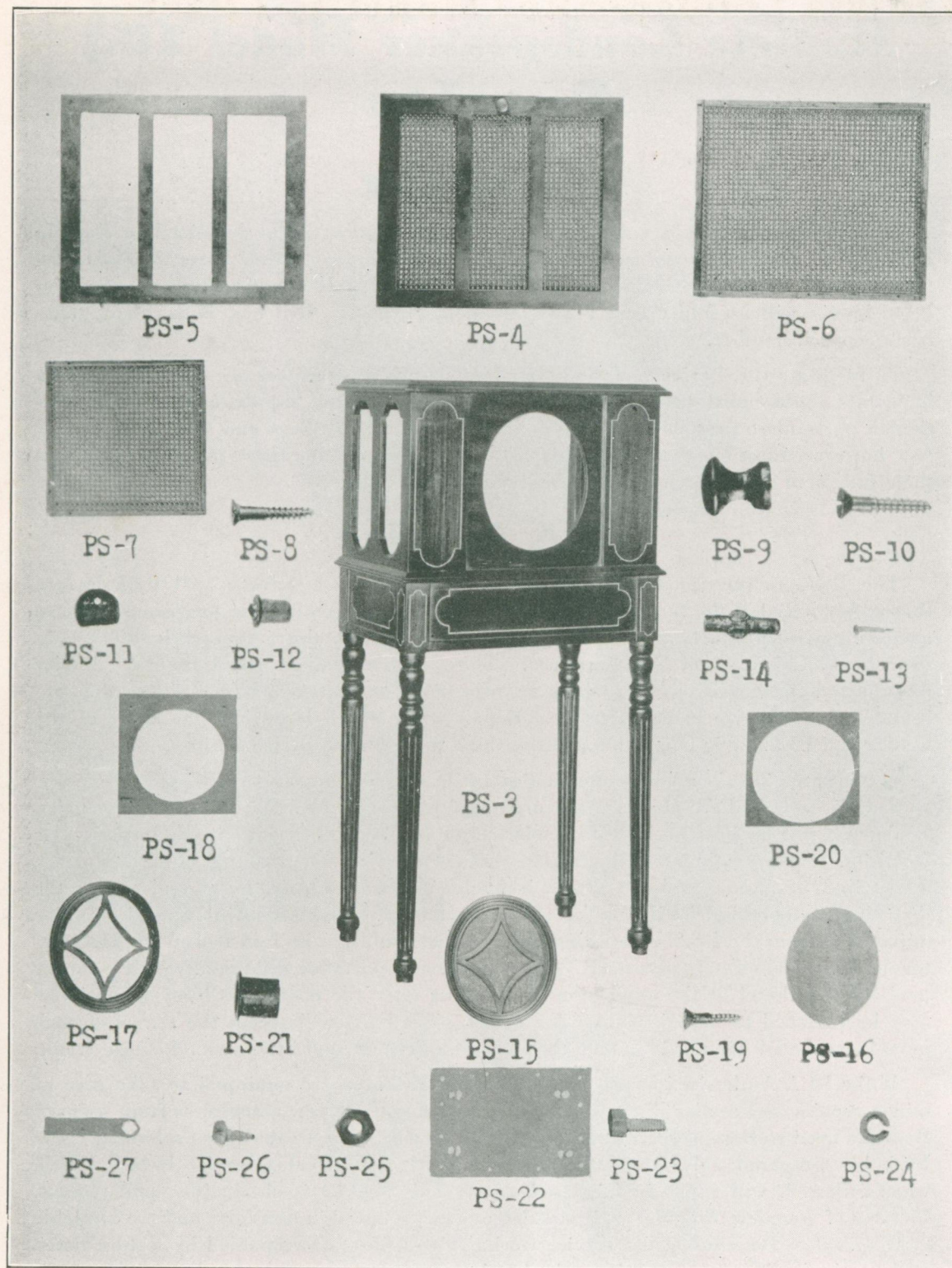


Fig. 1

Radiola Loudspeaker Model 104 Parts List

Catalog No.	Stock No.	DESCRIPTION	List Price		
RADIOLA 104 LOUD SPEAKER COMPLETE					
PS-1	9081	Radiola loudspeaker complete (see front cover)			
CABINET ASSEMBLY					
PS-2	9082	Radiola loudspeaker cabinet (not illustrated) includes all parts from PS-2 to PS-21	\$94.80		
PS-3	9083	Radiola 104 cabinet only	67.50		
PS-4	8130	Rear panel complete (including parts PS-5-6-8-9-10-11-12-13 and 14)	16.50		
PS-5	8131	Rear panel frame	6.45		
PS-6	8132	Panel with cane	9.60		
PS-7	8133	Side panel (2)	8.95		
PS-8	100	No. 6-7/8 flat head iron wood screw for mounting panels (37) . . . . .	.05		
PS-9	783	Knob . . . . .	.45		
PS-10	114	No. 8-1 flat head oxidized iron wood screw for mounting knob . . . . .	.05		
PS-11	784	Snap catch (female) (2) . . . . .	.30		
PS-12	785	Snap catch (male) (2) . . . . .	.30		
PS-13	485	Brad for mounting catch (2) . . . . .	.05		
PS-14	786	Pin for bottom of frame (2) . . . . .	.15		
PS-15	8134	Grille (includes PS-16-11-13-17 and 17A)	10.85		
PS-16	5335	Silk screen for frame of grille . . . . .	.75		
PS-17	8135	Frame of grille	9.40		
PS-17A	787	Plate with pin for holding grille to cabinet (not illustrated). See PS-28 for mounting screw . . . . .	.15		
PS-18	8136	Square frame for supporting grille	1.50		
PS-19	95	No. 6-5/8 round head oxidized iron wood screw for mounting frame (6) . . . . .	.05		
PS-20	788	Felt for frame . . . . .	.45		
PS-21	789	Bezel for safety switch . . . . .	.40		
PS-22	5336	Plate for holding loudspeaker unit . . . . .	.70		
PS-23	369	No. 5/16-18-1/2-hexagon head steel machine screw for bolting unit (4) . . . . .	.10		
PS-24	472	Lock washer for No. 5/16 screw (4) . . . . .	.05		
PS-25	429	Steel hex. nut for 5/16-18 screw (4) . . . . .	.05		
PS-26	110	No. 8-1/2-round head iron wood screw for mounting plate to cabinet (12) . . . . .	.05		
PS-27	790	Wrench for nut No. PS-25 . . . . .	.10		
PS-28	70	No. 3-3/8 flat head oxidized iron wood screw for mounting plate that holds grille (2) . . . . .	.05		
PS-29	371	1/4"-20-1 1/2 steel machine cap screw for bolting RPA unit to cabinet (4) . . . . .	.10		
PS-30	471	Lock washer for 1/4" screw (4) . . . . .	.05		
PS-31	458	Flat steel washer for 1/4" screw (4) . . . . .	.05		
(Order by both Catalog Number and Stock Number)					

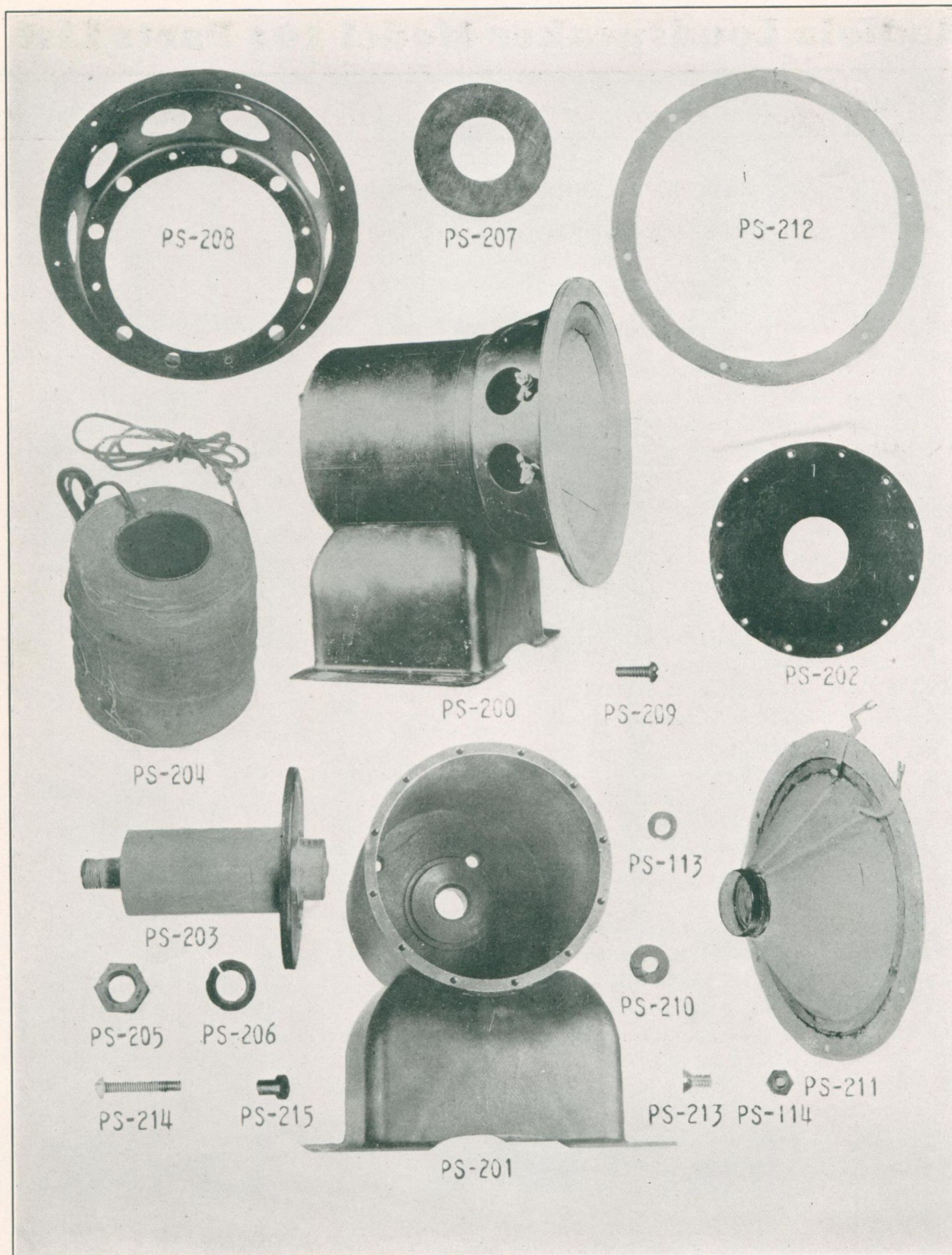


Fig. 2

Radiola Loudspeaker Model 104 Parts List

Catalog No.	Stock No.	DESCRIPTION	List Price		
LOUD SPEAKER ASSEMBLY					
PS-200	8137	Loudspeaker unit complete (includes parts PS-201 to PS-217)			
PS-201	8138	Loudspeaker housing	\$16.15		
PS-202	791	End cap for housing	5.80		
PS-203	5337	Magnet (See PS-216 and PS-217 for parts)	5.75		
PS-204	5338	Pot coil	22.90		
PS-205	430	No. 3/4-16 hex. nut for magnet . . . . .	.25		
PS-206	473	3/4" lock washer for magnet screw . . . . .	.05		
PS-207	1401	Copper washer for end cap . . . . .	.10		
PS-208	8139	Flange	1.50		
PS-209	306	No. 6-32-3/8 round head steel machine screw for mounting flange (12) . . . . .	.05		
PS-210	451	Flat steel washer for No. 6 screw (12) . . . . .	.05		
PS-211	9084	Cone	5.90		
PS-212	8140	Ring	1.10		
PS-213	300	No. 6-32-1/4 flat head steel machine screw for mounting ring (6) . . . . .	.05		
PS-214	216	No. 6-32-1 round head brass terminal screw (2) . . . . .	.05		
PS-215	792	Bushing for cords (2) . . . . .	.10		
PS-216	5485	Magnet core (not illustrated)	4.90		
PS-217	793	Copper disc for core (not illustrated) . . . . .	.85		
PS-218	794	Felt pad for end of pot magnet (not illustrated) . . . . .	.10		
PS-113	466	Lock washer for No. 6 screw (2) . . . . .	.05		
PS-114	407	Nickel plated brass hex. nut for No. 6-32 screw (2) . . . . .	.05		
(Order by both Catalog Number and Stock Number)					

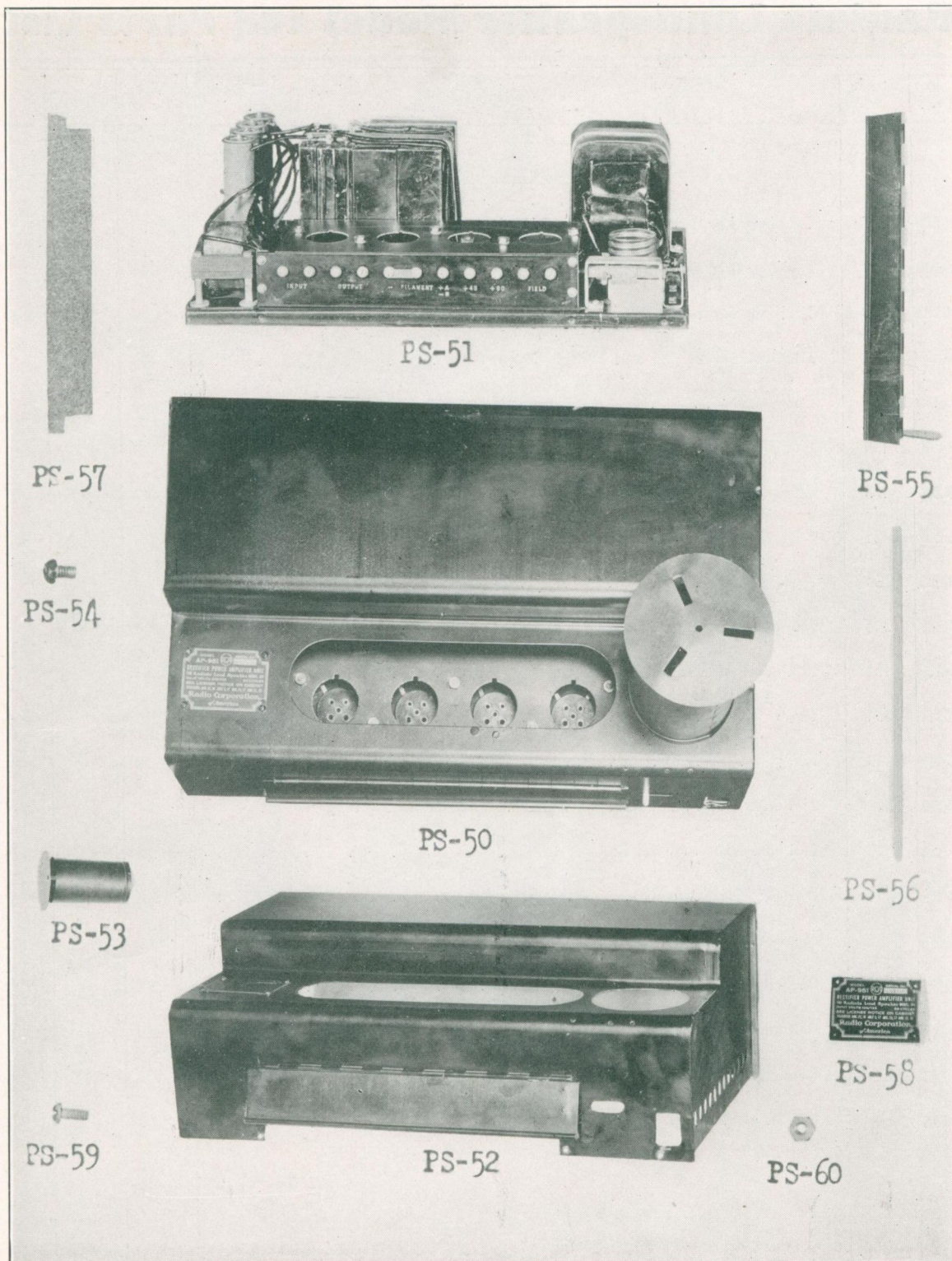


Fig. 3

Radiola Loudspeaker Model 104 Parts List

Catalog No.	Stock No.	DESCRIPTION	List Price
		RECTIFIER POWER AMPLIFIER UNIT ASSEMBLY	
PS-50	9085	Rectifier Power Amplifier Unit complete (including the following assemblies: Transformer, Socket, Condenser, Resistance unit, Safety switch, Safety knob, Cable, Terminal strip and Battery markers)	
PS-51	9086	Rectifier power amplifier unit (less PS-52-53-54-55-56-57-58-59 and 60)	
PS-52	9087	Rectifier power amplifier unit cover	\$6.25
PS-53	5339	Ventilating stack for cover	.95
PS-54	299	No. 6-32-1/4 round head machine screw for holding cover to unit (14)	.05
PS-55	5340	Door for cover	.45
PS-56	5341	Rod for holding door	.10
PS-57	5342	Felt for door	.15
PS-58	795	License plate	1.00
PS-59	163	No. 4-40-1/4 round head brass machine screw for mounting plate (4)	.05
PS-60	402	Brass hex. nut for No. 4-40 screw (4)	.05
(Order by both Catalog Number and Stock Number)			

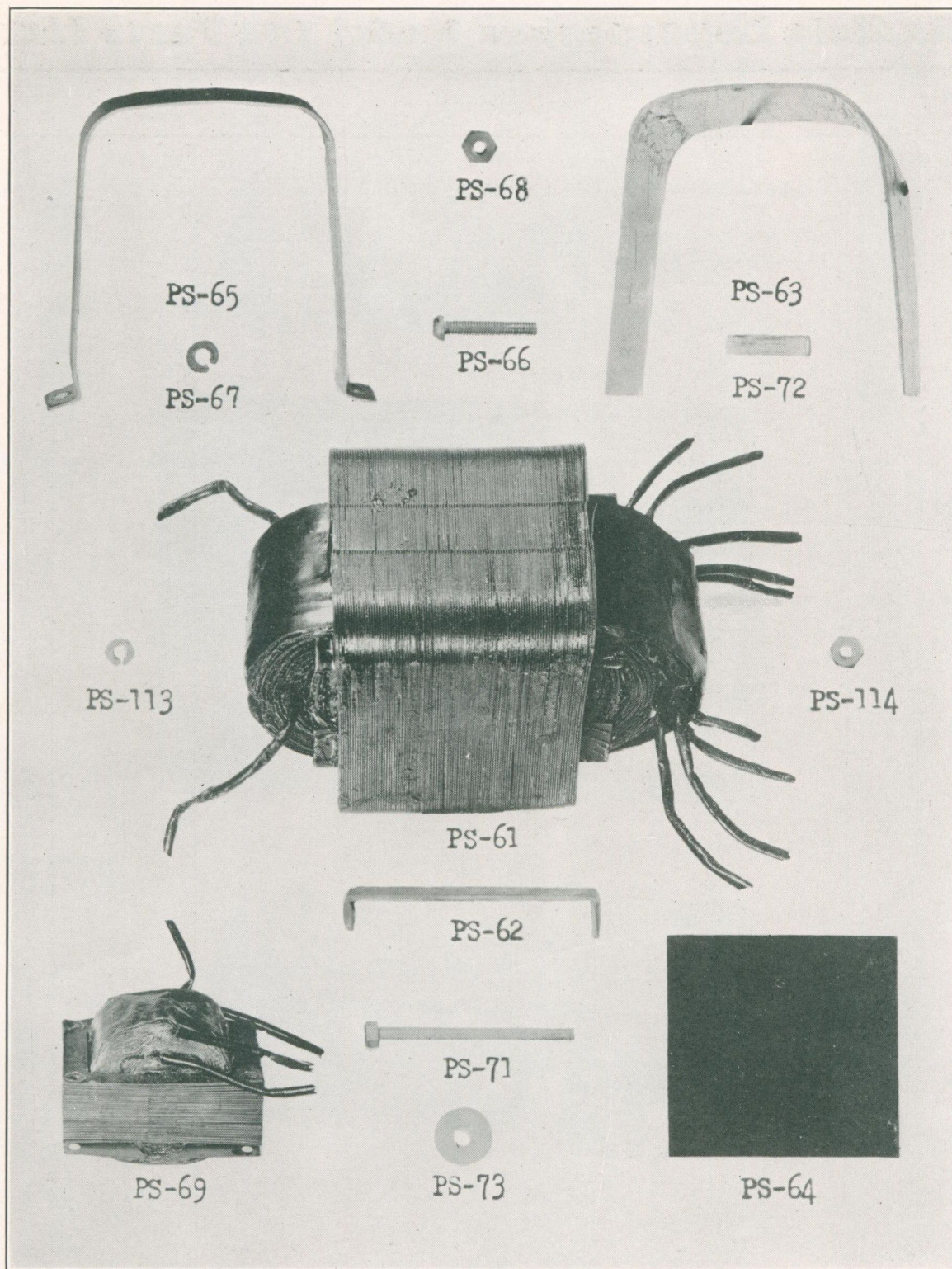


Fig. 4

Radiola Loudspeaker Model 104 Parts List

Catalog No.	Stock No.	DESCRIPTION	List Price		
TRANSFORMER ASSEMBLY					
PS-61	8141	Transformer	\$33.90		
PS-62	796	Steel strap for holding core . . . . .	.25		
PS-64	798	Insulating piece for bottom of transformer . . . . .	.10		
PS-65	799	Steel strap for mounting transformer . . . . .	.25		
PS-66	344	No. 8-32-3/4 round head steel machine screw for mounting transformer (2)	.05		
PS-67	467	Lock washer for No. 8 screw (2) . . . . .	.05		
PS-68	410	Nickel plated brass hex. nut for No. 8-32 screw (2) . . . . .	.05		
PS-69	800	Input transformer	11.25		
PS-69A	801	Input transformer with brackets and terminal strip	11.75		
PS-70	802	Output transformer (not illustrated)	15.35		
PS-70A	803	Output transformer with brackets and terminal strip	15.85		
PS-71	328	No. 6-32-2 hexagon head steel screw for mounting transformer (8) . . . . .	.10		
PS-72	745	7/8" bushing for raising transformers (8) . . . . .	.10		
PS-73	451	Flat washer for No. 6 screw (8) . . . . .	.05		
PS-113	466	Lock washer for No. 6 screw (8) . . . . .	.05		
PS-114	407	Nickel plated brass hex. nut for 6-32 screw (8) . . . . .	.05		
(Order by both Catalog Number and Stock Number)					

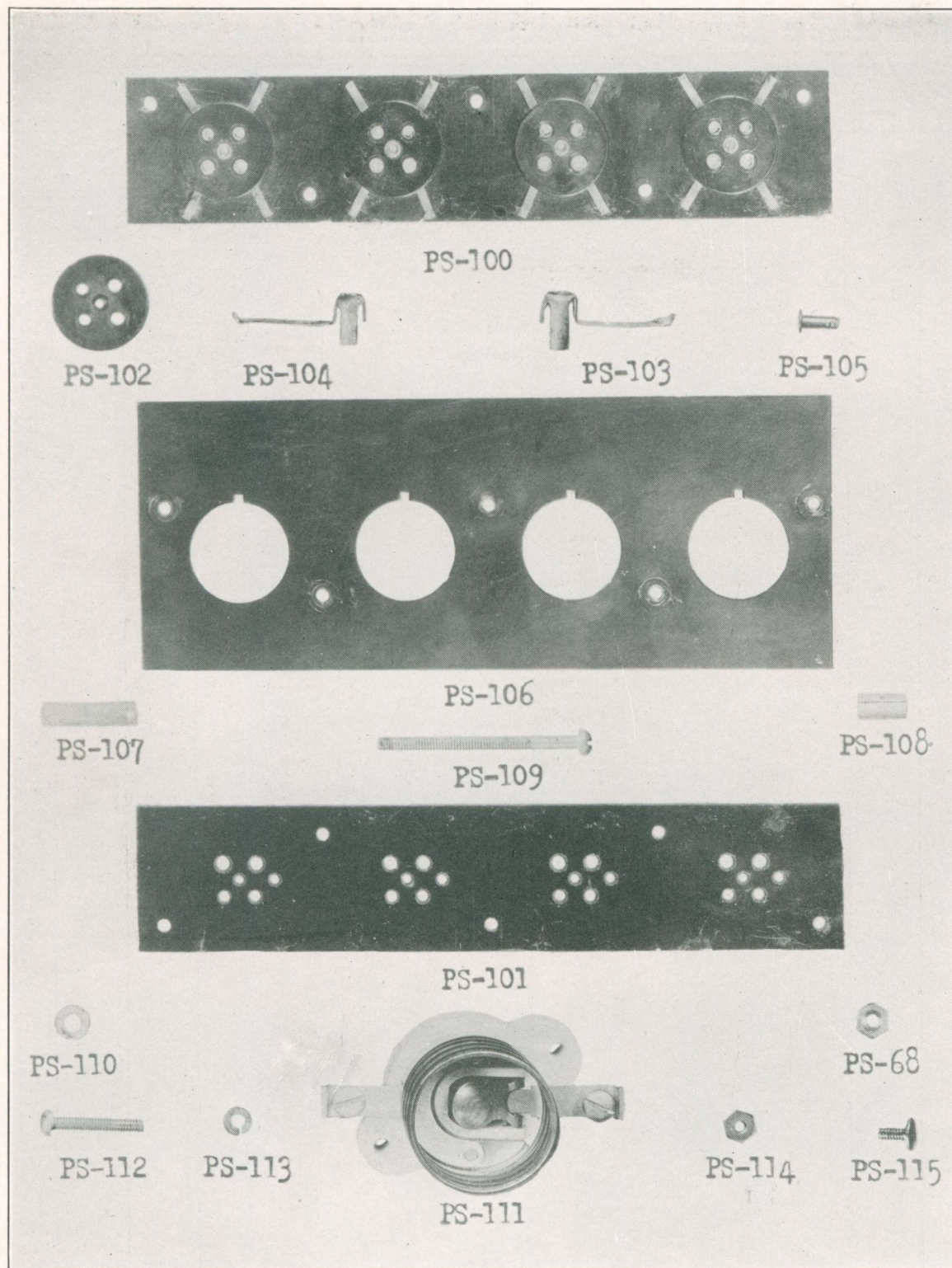


Fig. 5

Radiola Loudspeaker Model 104 Parts List

Catalog No.	Stock No.	DESCRIPTION	List Price		
SOCKET ASSEMBLY					
PS-100	5346	Socket shelf complete (includes parts number PS-101-102-103-104 and 105)	\$2.35		
PS-101	5347	Dilecto strip for mounting sockets . . . . .	.90		
PS-102	749	Moulded socket (4) . . . . .	.15		
PS-103	564	Contact spring (large) (8) . . . . .	.05		
PS-104	565	Contact spring (small) (8) . . . . .	.05		
PS-105	750	Eyelet for mounting socket to shelf (4) . . . . .	.05		
PS-106	5348	Metal shelf (mounted above socket assembly) . . . . .	.60		
PS-107	808	1" metal bushing for raising assembly (5) . . . . .	.30		
PS-108	751	½" metal bushing for raising assembly (5) . . . . .	.15		
PS-109	352	No. 8-32-2-½ round head steel machine screw for mounting assembly (5)	.05		
PS-110	452	Flat steel washer for No. 8 screw (5) . . . . .	.05		
PS-111	809	Mogul screw socket for UV-376 . . . . .	.75		
PS-112	321	No. 6-32-1 round head steel machine screw for mounting socket (2)	.05		
PS-113	466	Lock washer for No. 6 screw (2) . . . . .	.05		
PS-114	407	Brass hex. nut for No. 6-32 screw (2) . . . . .	.05		
PS-115	233	No. 8-32-¼ fillister head brass terminal screw . . . . .	.05		
PS-116	336	No. 8-32-¼ fillister head iron terminal screw (not illustrated) . . . . .	.05		
PS-68	410	Brass hex. nut for No. 8-32 screw (10) . . . . .	.05		
(Order by both Catalog Number and Stock Number)					

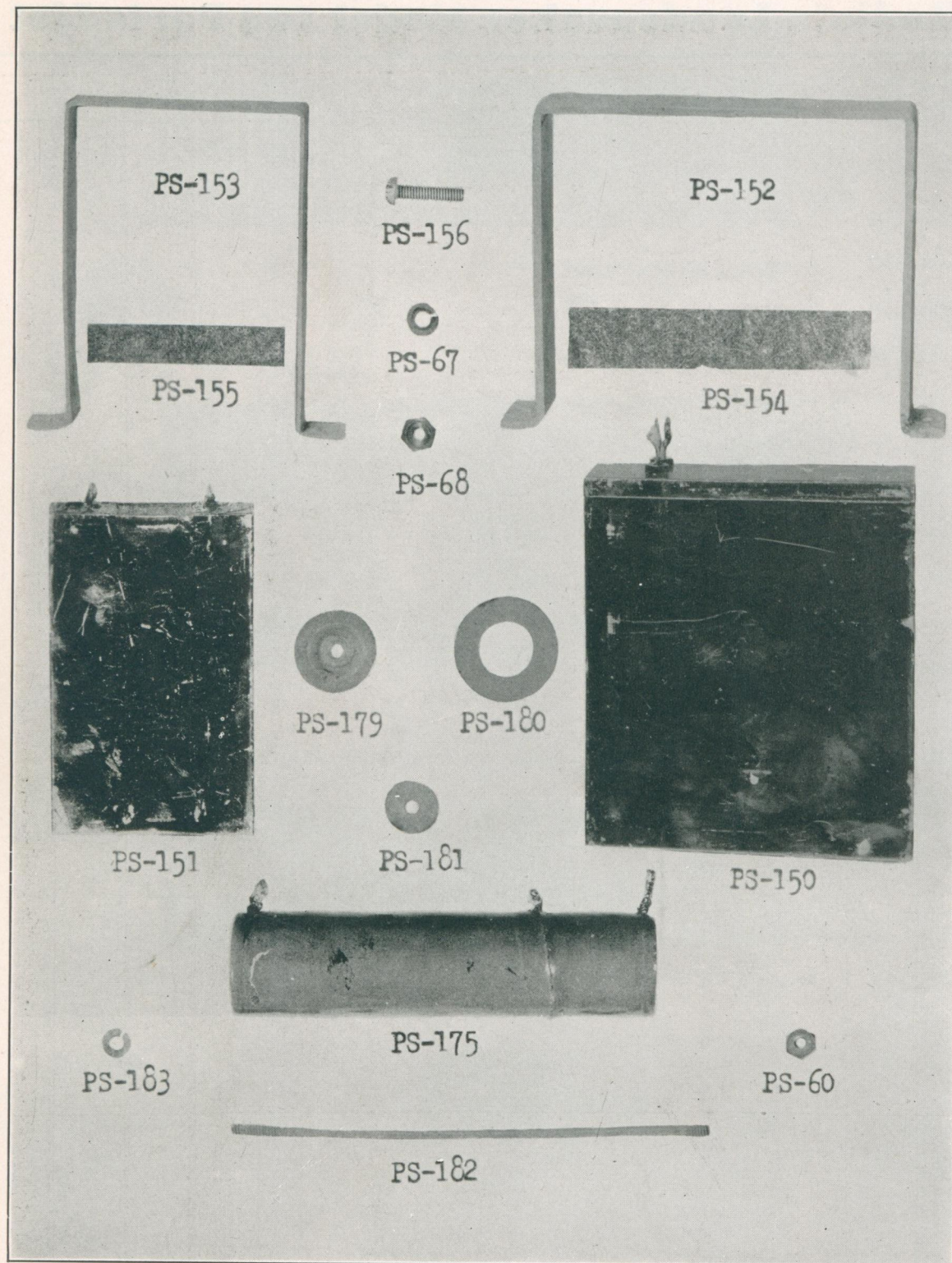


Fig. 6

Radiola Loudspeaker Model 104 Parts List

Catalog No.	Stock No.	DESCRIPTION	List Price		
CONDENSER ASSEMBLY					
PS-150	5343	Fixed condenser 7 MFD.	\$12.30		
PS-151	551	Fixed condenser 2 MFD. (3)	2.25		
PS-152	5344	Metal strap for holding 7 MFD. condenser . . . . .	.35		
PS-153	805	Metal strap for holding 2 MFD. condenser . . . . .	.15		
PS-154	806	Felt strip for 7 MFD. condenser . . . . .	.05		
PS-155	807	Felt strip for 2 MFD. condenser . . . . .	.05		
PS-156	343	No. 8-32- $\frac{5}{8}$ round head steel machine screw for mounting condensers (4)	.05		
PS-157	5345	Fixed condenser 4 MFD.	12.30		
PS-67	467	Lock washer for No. 8 screw (4) . . . . .	.05		
PS-68	410	Brass hex. nut for No. 8-32 screw (4) . . . . .	.05		
RESISTANCE UNIT ASSEMBLY					
PS-175	813	Resistance unit No. 1	2.75		
PS-176	814	Resistance unit No. 2 or No. 3 (units 2 and 3 are the same) (not illustrated) (2)	3.15		
PS-178	731	Resistance unit No. 4 (not illustrated)	3.15		
PS-179	734	Metal washer for holding unit (4) . . . . .	.05		
PS-180	736	Insulating washer (4) . . . . .	.05		
PS-181	738	Centering bushing (4) . . . . .	.05		
PS-182	732	No. 6-32-5 threaded steel rod for holding units (4) . . . . .	.10		
PS-183	466	Lock washer for No. 6 screw (4) . . . . .	.05		
PS-184	739	Insulating washer for bottom of resistance units, No. 6 rod (not illustrated) (3) . . . . .	.05		
PS-114	407	Nickel plated brass hex. nut for No. 6-32 screw (4) . . . . .	.05		
(Order by both Catalog Number and Stock Number)					

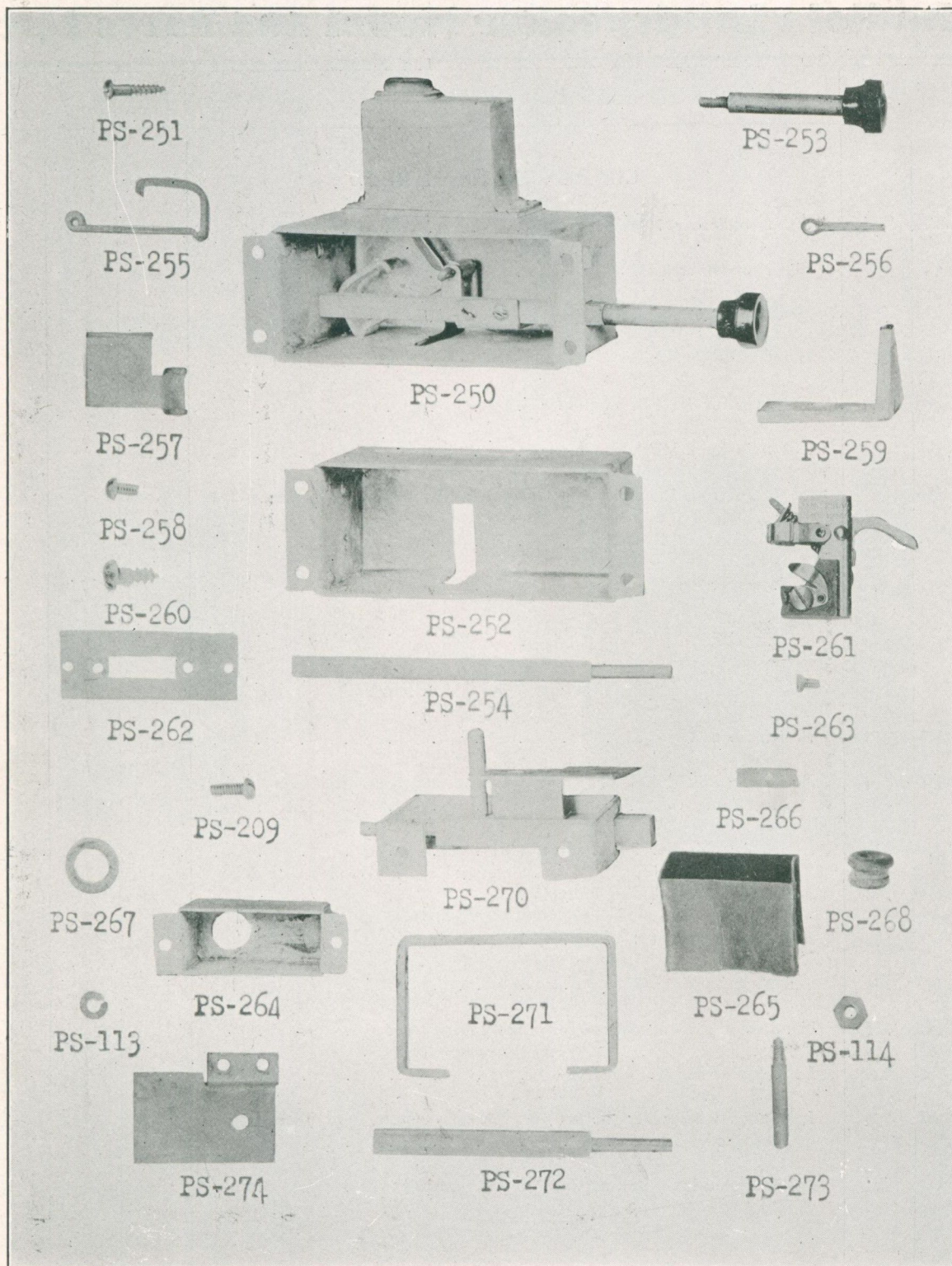


Fig. 7

Radiola Loudspeaker Model 104 Parts List

Catalog No.	Stock No.	DESCRIPTION	List Price		
SAFETY SWITCH ASSEMBLY					
PS-250	815	Safety switch assembly complete (includes PS-251 to PS-268 inc.)	\$8.70		
PS-251	97	No. 6- $\frac{3}{4}$ round head iron wood screw for mounting assembly (4) . . . . .	.05		
PS-252	816	Safety switch housing	2.75		
PS-253	817	Knob and plunger connecting rod . . . . .	.50		
PS-254	818	Plunger . . . . .	.65		
PS-255	819	Trip lever . . . . .	.05		
PS-256	498	Cotter pin . . . . .	.05		
PS-257	820	Plate for holding trip lever . . . . .	.05		
PS-258	280	No. 4-48- $\frac{1}{4}$ round head steel machine screw for mounting plate (2) . . . . .	.05		
PS-259	821	Lock bolt . . . . .	.05		
PS-260	120	No. 10- $\frac{1}{2}$ round head iron wood screw for mounting lock bolt (3) . . . . .	.05		
PS-261	822	Switch mechanism	1.40		
PS-262	823	Switch mechanism mounting plate . . . . .	.05		
PS-263	282	No. 4-48- $\frac{1}{4}$ flat head steel machine screw for mounting mechanism (4) . . . . .	.05		
PS-264	824	Housing for mechanism . . . . .	.10		
PS-265	825	Insulating lining for housing . . . . .	.05		
PS-266	826	Special nut for No. 4-48 screw (2) . . . . .	.05		
PS-267	827	Washer (2) . . . . .	.05		
PS-268	828	Rubber (eyelet) . . . . .	.05		
SAFETY KNOB ASSEMBLY					
PS-270	829	Safety knob assembly complete (includes parts PS-271-209-113-114-272-273 and 274) . . . . .	.45		
PS-271	830	Frame . . . . .	.15		
PS-272	831	Plunger . . . . .	.10		
PS-273	832	Lever . . . . .	.05		
PS-274	833	Plate . . . . .	.10		
PS-113	466	Lock washer for No. 6 screw (2) . . . . .	.05		
PS-114	407	Brass hex. nut for No. 6-32 screw (2) . . . . .	.05		
PS-209	306	No. 6-32- $\frac{3}{8}$ round head steel machine screw for mounting plate (2) . . . . .	.05		
(Order by both Catalog Number and Stock Number)					

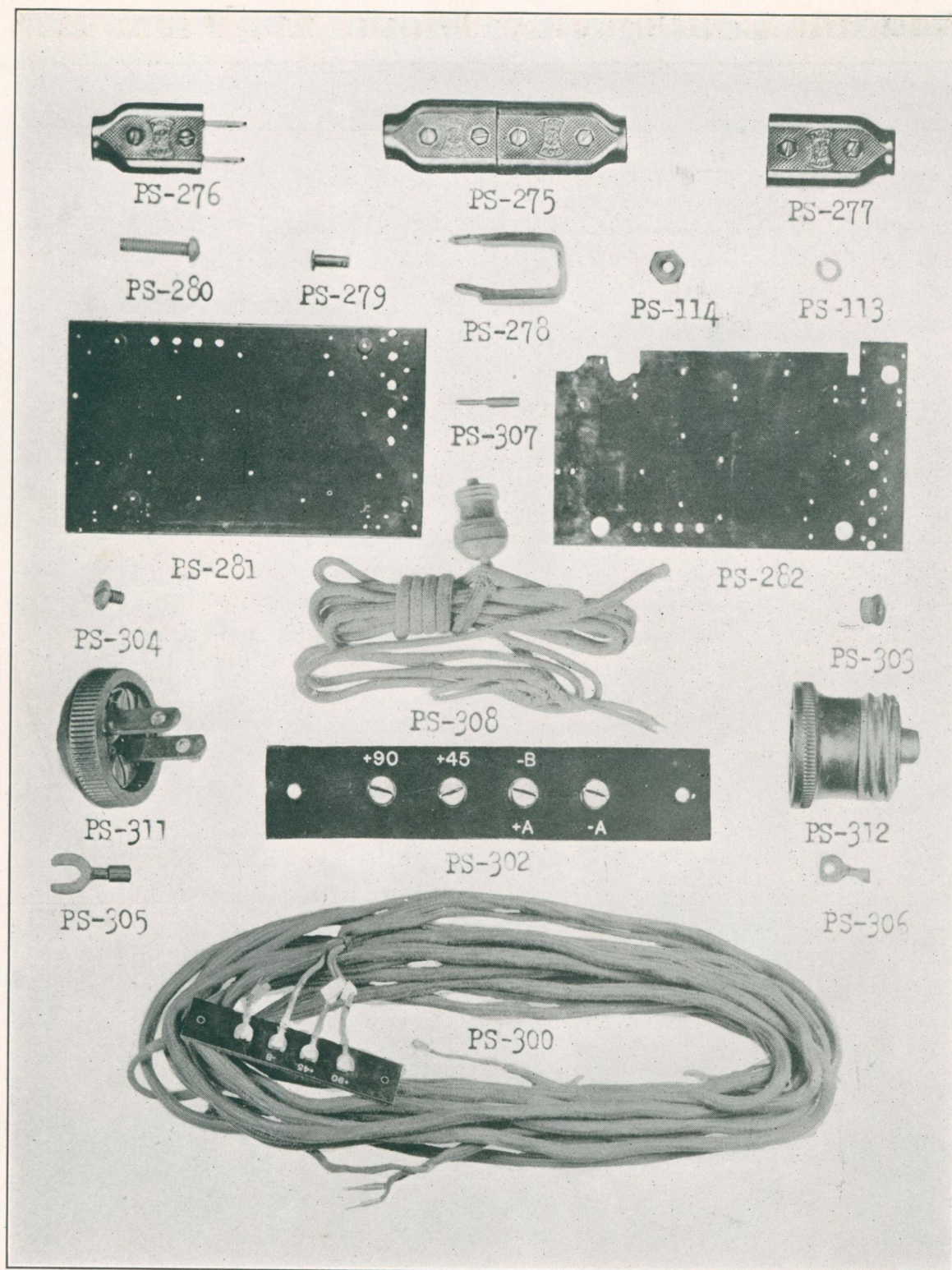


Fig. 8

Radiola Loudspeaker Model 104 Parts List

Catalog No.	Stock No.	DESCRIPTION	List Price		
SAFETY KNOB ASSEMBLY—(Continued)					
PS-275	834	Safety plug complete (includes parts PS-276-277)	\$1.60		
PS-276	835	Safety plug (male) . . . . .	.80		
PS-277	836	Safety plug (female) . . . . .	.80		
PS-278	837	Bracket for mounting safety plug . . . . .	.05		
PS-279	838	Rivet for mounting safety plug (2) . . . . .	.05		
PS-280	319	No. 6-32-7/8 round head steel machine screw for holding plug in bracket	.05		
PS-281	8142	Base	3.50		
PS-282	8143	Insulating cover for base . . . . .	.60		
PS-113	466	Lock washer for No. 6 screw . . . . .	.05		
PS-114	407	Brass hex. nut for No. 6-32 screw . . . . .	.05		
CABLE ASSEMBLY					
PS-300	5351	Input cable complete (includes parts PS-301 to 307 and from 350 to 354)	18.00		
PS-301	5352	Input cable only (not illustrated)	16.75		
PS-302	842	Terminal strip complete (includes parts PS-303 to 304)	1.25		
PS-303	843	Terminal (4) . . . . .	.05		
PS-304	301	No. 6-32-1/4 fillister head steel machine screw for terminal (4) . . . . .	.05		
PS-305	591	Terminal (large) (4) . . . . .	.05		
PS-306	643	Terminal (small) (4) . . . . .	.05		
PS-307	844	Cord tip (2) . . . . .	.10		
PS-308	5353	Power supply cord with attaching plug (including parts PS-309 to 312)	4.25		
PS-309	5354	Power supply cord without plug (not illustrated)	3.10		
PS-310	768	Attachment plug complete (including parts PS-311 and PS-312) (not illustrated) . . . . .	.60		
PS-311	769	Attaching plug (male) . . . . .	.30		
PS-312	770	Attaching plug (female) . . . . .	.30		
(Order by both Catalog Number and Stock Number)					

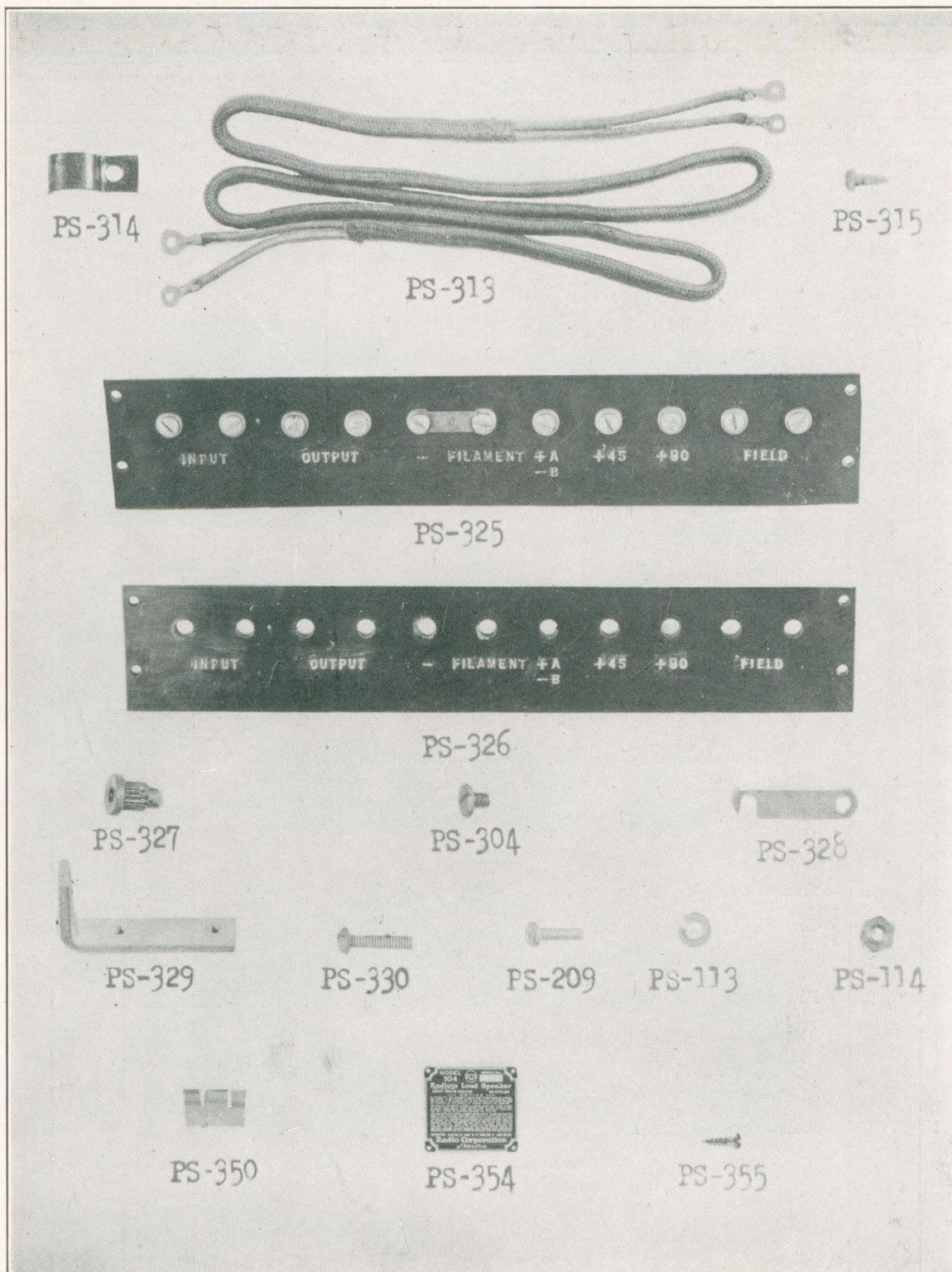


Fig. 9

Radiola Loudspeaker Model 104 Parts List

Catalog No.	Stock No.	DESCRIPTION	List Price		
CABLE ASSEMBLY—(Continued)					
PS-313	845	Output cable complete (includes part PS-306)	\$1.55		
PS-314	638	Metal cleat for holding cables . . . . .	.05		
PS-315	92	No. 6- $\frac{3}{8}$ round head iron wood screw for mounting cleats (6) . . . . .	.05		
TERMINAL STRIP ASSEMBLY					
PS-325	5349	Terminal strip assembly complete (includes parts PS-326 to PS-328 and PS-304)	3.00		
PS-326	5350	Terminal strip	1.65		
PS-327	810	Terminal (11) . . . . .	.05		
PS-328	811	Jumper . . . . .	.05		
PS-329	812	Bracket for mounting terminal assembly (2) . . . . .	.05		
PS-330	312	No. 6-32- $\frac{1}{2}$ round head steel machine screw for mounting terminal strip to bracket (4). . . . .	.05		
PS-113	466	Lock washer for No. 6 screw (8) . . . . .	.05		
PS-114	407	Brass hex. nut for No. 6-32 screw (8) . . . . .	.05		
PS-209	306	No. 6-32- $\frac{3}{8}$ round head steel machine screw for mounting bracket to base (4) . . . . .	.05		
PS-304	301	No. 6-32- $\frac{1}{4}$ fillister head steel terminal screw (11) . . . . .	.05		
BATTERY MARKERS (metal tags)					
PS-350	839	A positive and B negative . . . . .	.05		
PS-351	840	A negative (not illustrated) . . . . .	.05		
PS-352	600	45 positive (not illustrated) . . . . .	.05		
PS-353	606	90 positive (not illustrated) . . . . .	.05		
PS-354	841	License plate	1.00		
PS-355	77	No. 4- $\frac{3}{8}$ round head oxidized iron wood screw for mounting plate (4) . . . . .	.05		
(Order by both Catalog Number and Stock Number)					

NOTICE

The apparatus and devices which, or the use of which, are covered by patents, are sold only under certain specified licenses set forth in a notice attached permanently to the said apparatus and devices, or if this is impracticable on account of size, then on tags or wrappers attached to the said apparatus and devices or on the cartons containing the same. This license notice is as follows:

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