



Motors
and
Accessories

April, 1901.

DE DION-BOUTON
"Motorette"
COMPANY.

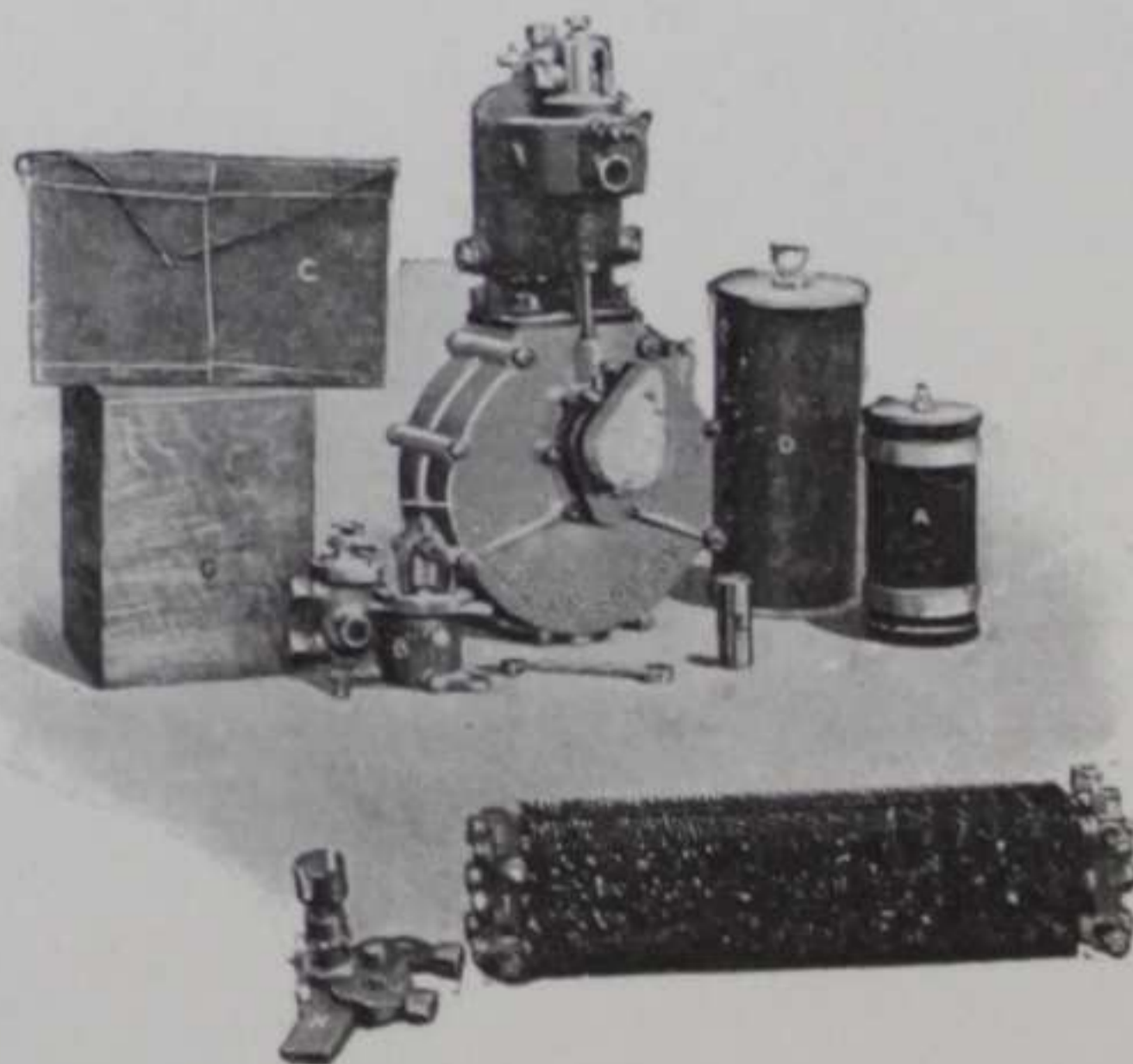
TERMS, ETC.

All prices are quoted f. o. b. Brooklyn, N. Y.
In ordering goods shipped by mail, allowance
should be made for postage.

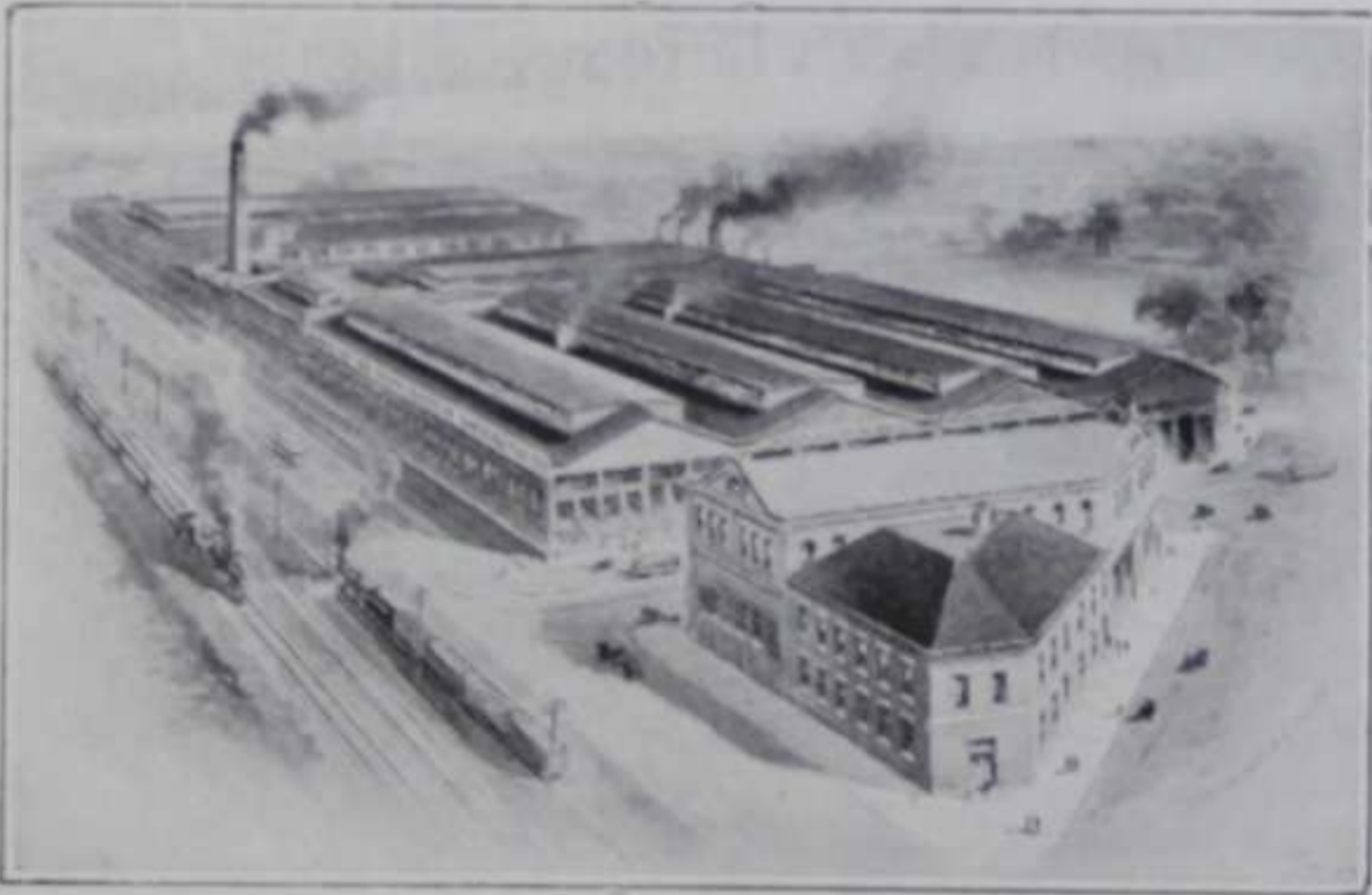
Remittances should be made in New York
current funds.

In ordering, use catalogue wording and state
power of motor for which goods are required—
mistakes will then be avoided.

De Dion-Bouton Motorette Company
Church Lane and 37th St.,
Brooklyn-New York



De Dion-Bouton Motorette Company
Brooklyn - New York



GENERAL OFFICES AND FACTORY.



“De Dion” Motors.

If imitation is the sincerest flattery and best proof of merit, then nothing further is required to establish the supremacy of genuine De Dion-Bouton Motors, as they have been more extensively copied than any other mechanical device that has been introduced in the last half of the nineteenth century.

The market both here and abroad has been flooded with small motors, but there are no others built possessing the same power for the size and weight, or the same reliability and simplicity of construction, as the genuine De Dion. These facts are not alone due to the many novel and patented features of genuine De Dion motors, but also to highly developed processes of manufacture, resulting in perfect construction.

The De Dion motor is not a new proposition, as those familiar with the trade are fully aware. The first successful small gasoline motor ever introduced was the De Dion of one-half horse power, which first attracted attention in 1895. In 1896 the three-quarter horse power motor was brought out, and the power has been yearly increased up to the present 5 and 8 horse power motors offered for the season of 1901.

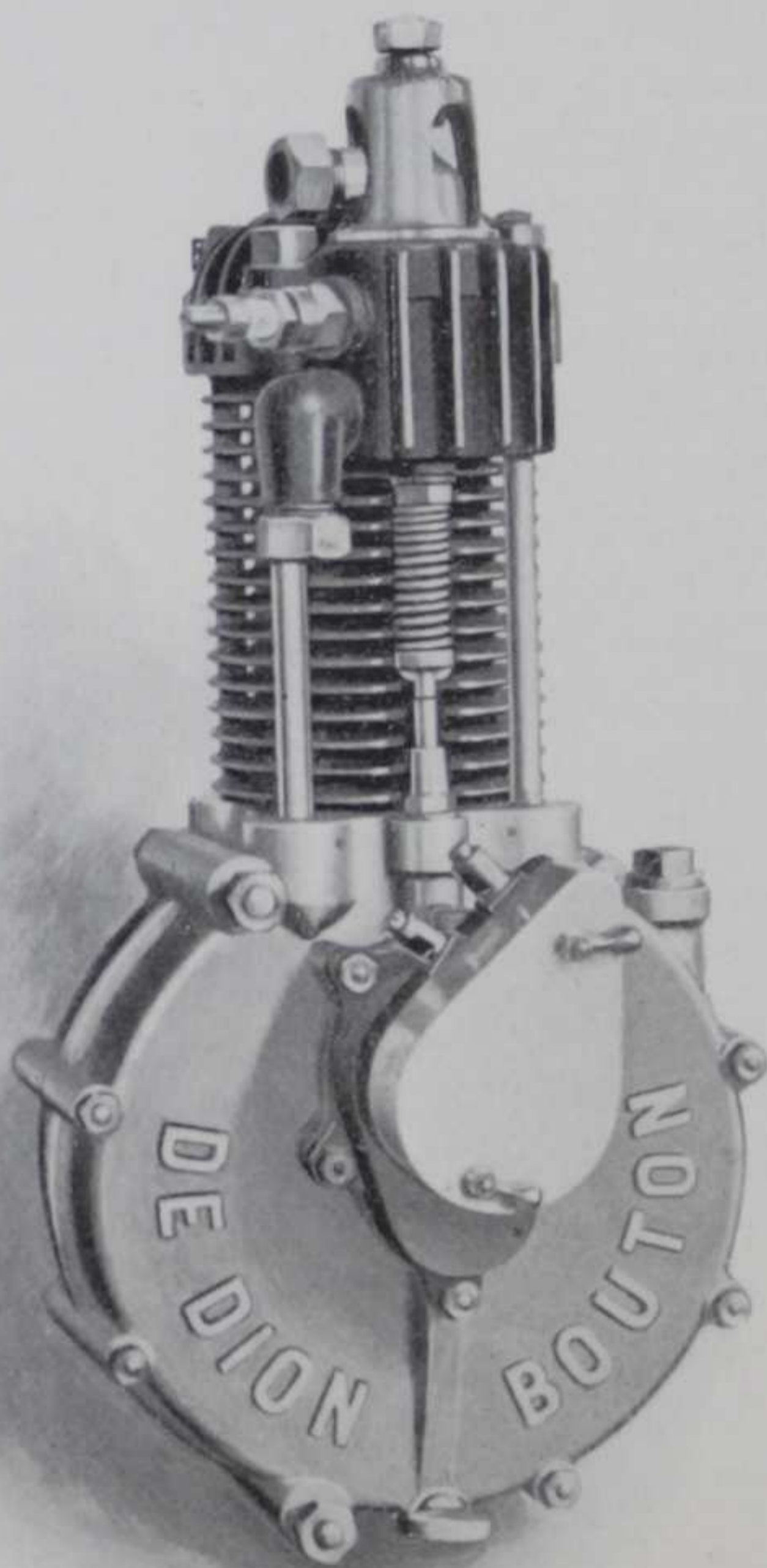
De Dion-Bouton Motorette Company
Brooklyn - New York

At present there are 25,000 genuine De Dion motors in successful operation in all parts of the world, and many of the leading automobile manufacturers both here and abroad have adopted the De Dion as their standard equipment. Among the United States manufacturers that have adopted De Dion motors as standard, we might mention the H. Ward Leonard Electric Co., the Geo. N. Pierce Cycle Co., the Waltham Mfg. Co., the Warwick Cycle Co., the Peerless Mfg. Co., and many others. De Dion motors have won practically all of the great long distance tricycle and "Motorette" races held in France from 1896 to the present time.

The *Motor Car Journal*, one of the trade authorities, refers to our product as follows: "The De Dion is the best;" and the *Autocar*, another leading journal, says, "The motor that has been most widely adopted both in France and elsewhere, is the De Dion."

The De Dion-Bouton "Motorette" Company are the sole American agents and licensed manufacturers for Messrs. De Dion-Bouton & Co. of France. We solicit correspondence and fullest investigation from prospective purchasers. We offer special inducements to manufacturers of motor vehicles desiring to adopt De Dion motors as their standard equipment, and cordially invite them to our works, where every opportunity for testing and investigating our product will be given.

De Dion-Bouton Motorette Company
Brooklyn - New York



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Brooklyn - New York

The cut opposite illustrates a genuine

De Dion Air-cooled Motor

of $2\frac{1}{4}$ horse power.

GENERAL DIMENSIONS.

Total height to top of inlet valve dome,	19 $\frac{1}{2}$ inches.
Outside diameter of crank case,	9 “
Thickness of crank case,	3 $\frac{3}{4}$ “
Total width of motor to end of crank shaft,	11 $\frac{1}{4}$ “
Weight of motor,	50 pounds.

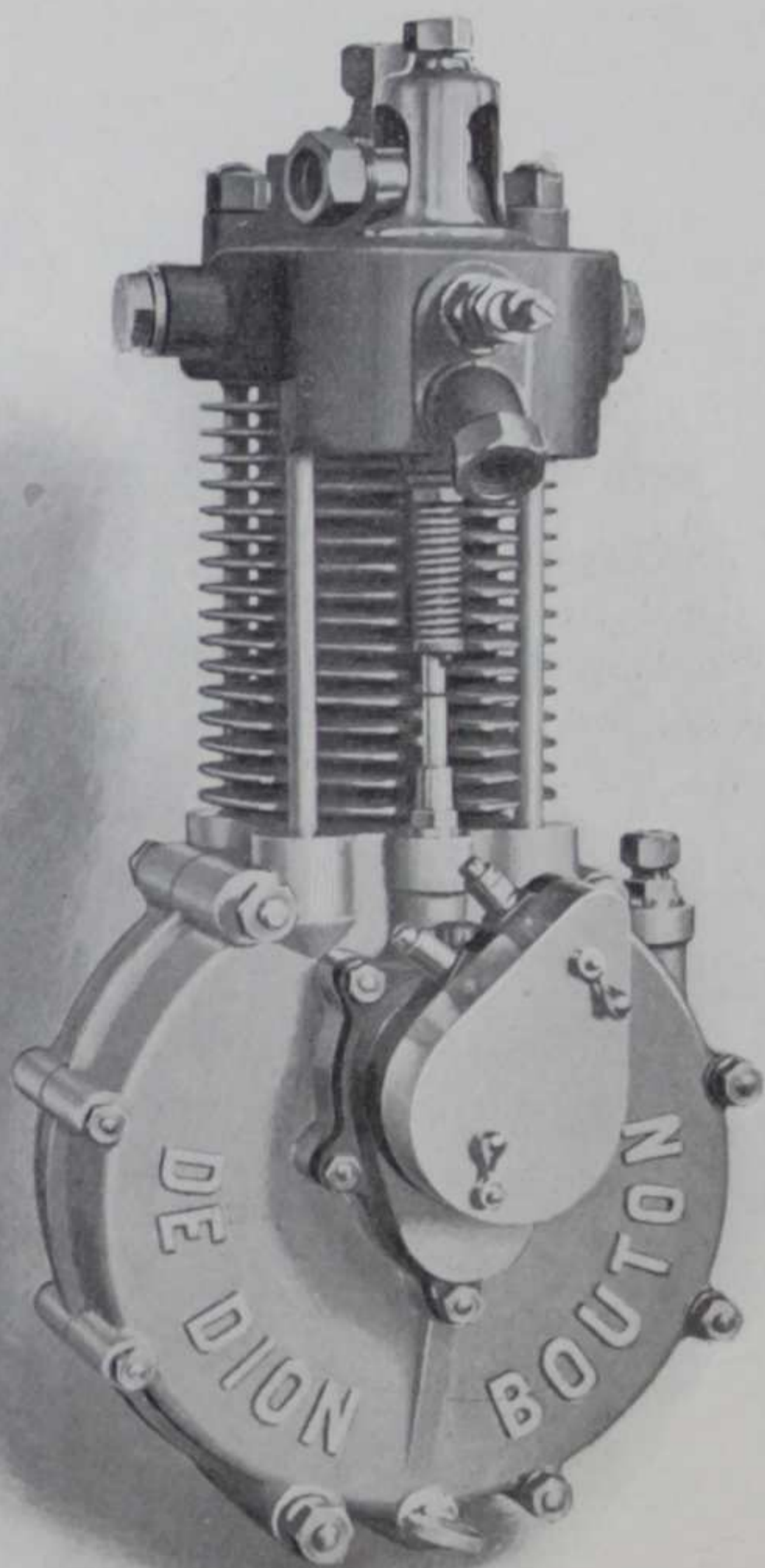
This motor is especially designed for tricycle or quadricycle requirements. It will develop its rated power at 1800 revolutions a minute.

Price, including carburetor, induction coil, muffler, battery and sparking plug, boxed, ready for shipment,

\$150.00

Price of $2\frac{3}{4}$ horse power motor, similar to above, \$250.00

*De Dion-Bouton Motorette Company
Brooklyn - New York*



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Brooklyn - New York

The cut opposite illustrates a genuine
De Dion Water-cooled Head Motor
of $2\frac{3}{4}$ horse power.

GENERAL DIMENSIONS.

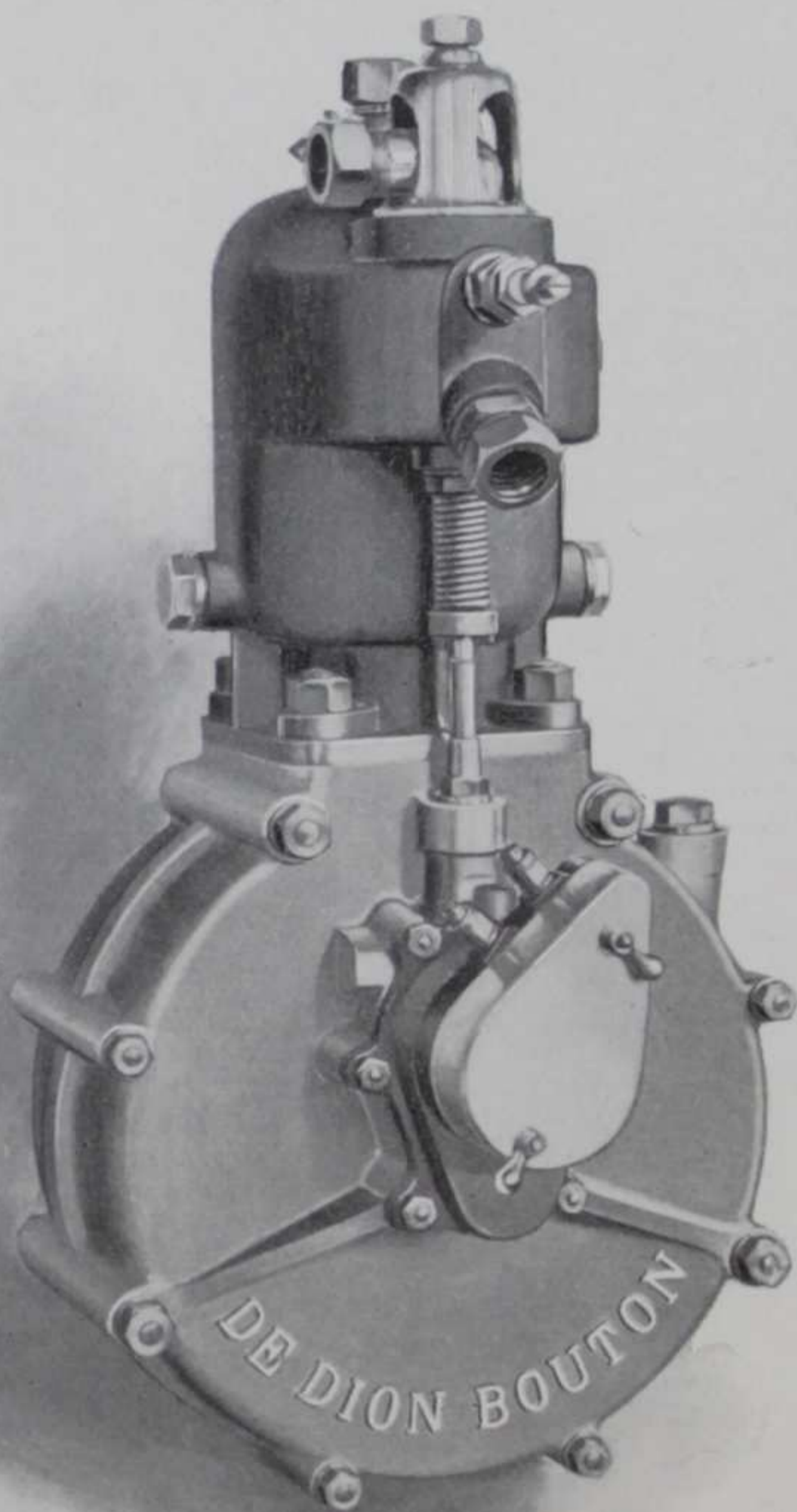
Total height to top of inlet valve dome,	20 inches.
Outside diameter of crank case,	9 “
Thickness of crank case,	$3\frac{3}{4}$ “
Total width of motor to end of crank shaft,	$11\frac{1}{4}$ “
Weight of motor,	55 pounds.

This motor is especially designed for tricycles or quadricycles, or light “Motorettes” fitted with a free clutch. Two gallons of water suffice for cooling purposes, and no circulating pump is required.

Price, including float feed De Dion vaporizer, induction coil, muffler, battery, and sparking plug, boxed, ready for shipment,

\$275.00

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Brooklyn - New York



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Brooklyn - New York

The cut opposite illustrates a genuine

De Dion Water-cooled Motor

of $3\frac{1}{2}$ horse power.

GENERAL DIMENSIONS.

Total height to top of inlet valve dome,	$21\frac{1}{4}$	inches.
Outside diameter of crank case, . . .	11	“
Thickness of crank case,	5	“
Total width of motor to end of crank shaft,	$12\frac{3}{4}$	“
Weight of motor,	95	pounds.

The $3\frac{1}{2}$ horse power motor is especially designed for automobile or launch requirements. This motor is adapted to drive vehicles weighing up to 850 pounds, for carrying two persons. No. 1 New York type “Motorettes” are fitted with this motor.

Price, with accessories, including De Dion float feed vaporizer, induction coil, muffler, battery, and sparking plug, boxed, ready for shipment,

\$300.00

EXTRAS.

No. 1 Radiating Coil for $3\frac{1}{2}$ horse power motor,	\$30.00
Circulating Pump, - - - - -	20.00

De Dion-Bouton Motorette Company
Brooklyn - New York

De Dion Motors of Higher Power

In addition to the motors shown on the preceding pages, we have recently received a consignment of the new 1901 five horse power motors. These motors are quite similar to those of $3\frac{1}{2}$ horse power, the chief difference being in the larger bore and increased stroke, accounting for the extra $1\frac{1}{2}$ horse power. The new exhaust timing device is a novelty of considerable importance. With this arrangement the power of the motor can be decreased from the normal at will, while its speed is under positive and absolute control, without altering the time of ignition or the gasoline mixture. A great advantage of this device is that when the motor is running idle, its noise can be practically stopped, no sound being heard, further than the slight puff of the exhaust.

The general dimensions of the 5 horse power motor conform to those of the $3\frac{1}{2}$.

The price with accessories, including De Dion float feed vaporizer, induction coil, muffler, battery, and sparking plug, boxed, ready for shipment, is

\$400.00

No. 2 Radiating Coil for 5 horse power motor,	\$40.00
Circulating Pump, - - - - -	20.00

De Dion-Bouton Motorette Company
Brooklyn - New York

We have nearly ready for the market a new genuine

De Dion 8 Horse Power Motor

This motor is of the same general appearance as the 5 horse power machine, and it possesses the same advantages over previous models.

The price of this motor, together with usual accessories and friction clutch fly wheel, is

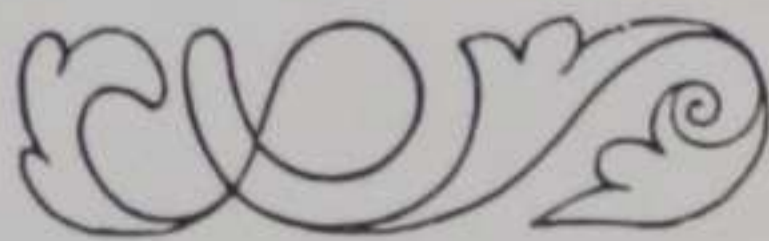
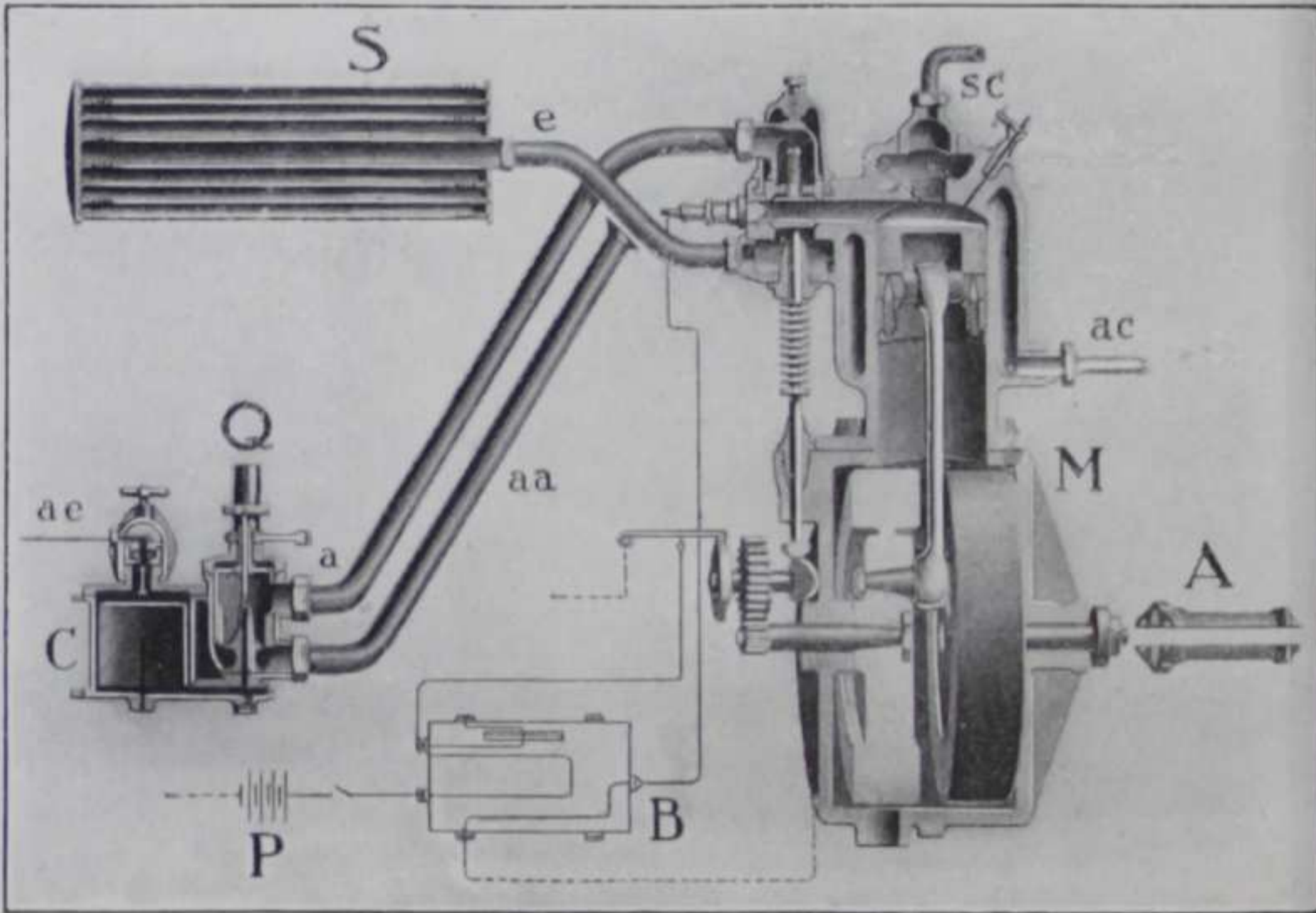
\$650.00

Without the friction clutch, \$600.00.

The 8 horse power De Dion motor will be ready for the market about May 15th, 1901.

This motor will be the equipment of our Paris type "Motorette."

De Dion-Bouton Motorette Company
Brooklyn - New York



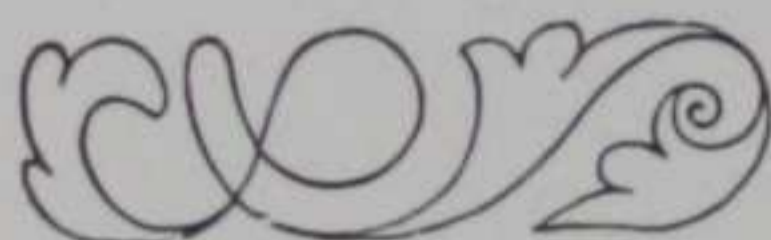


The diagram on the opposite page illustrates the connections and mechanical features of

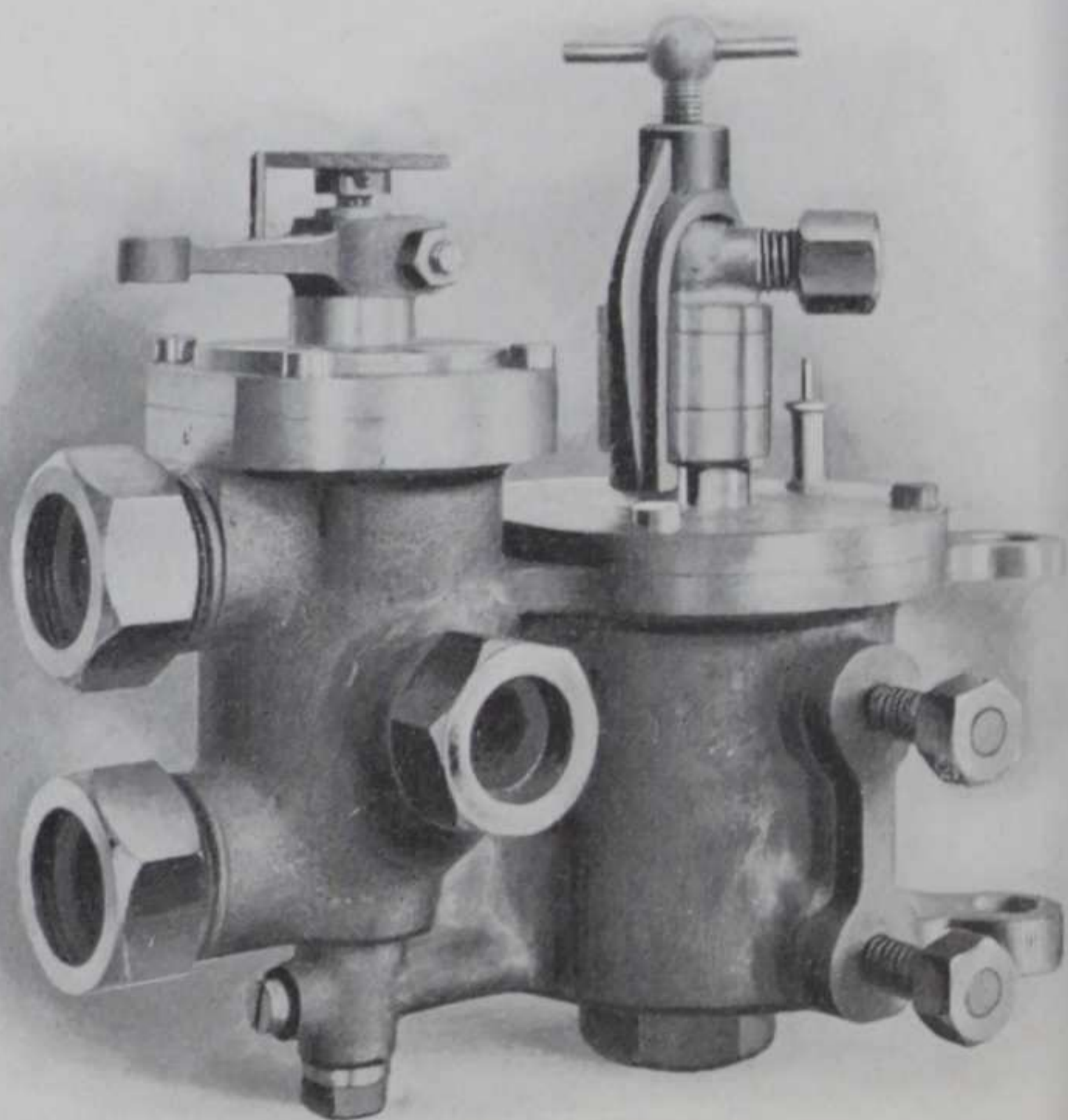
De Dion Water-jacketed Motors

The following letters of reference indicate the various parts :

M	Motor	V	Coupling Sleeve
C	Vaporizer	aa	Hot Air
e	Exhaust Pipe	ae	Gasoline Feed
S	Muffler	ac	Entrance of Cooling Water
P	Battery	sc	Exit of Cooling Water
B	Coil	Q	Cold Air



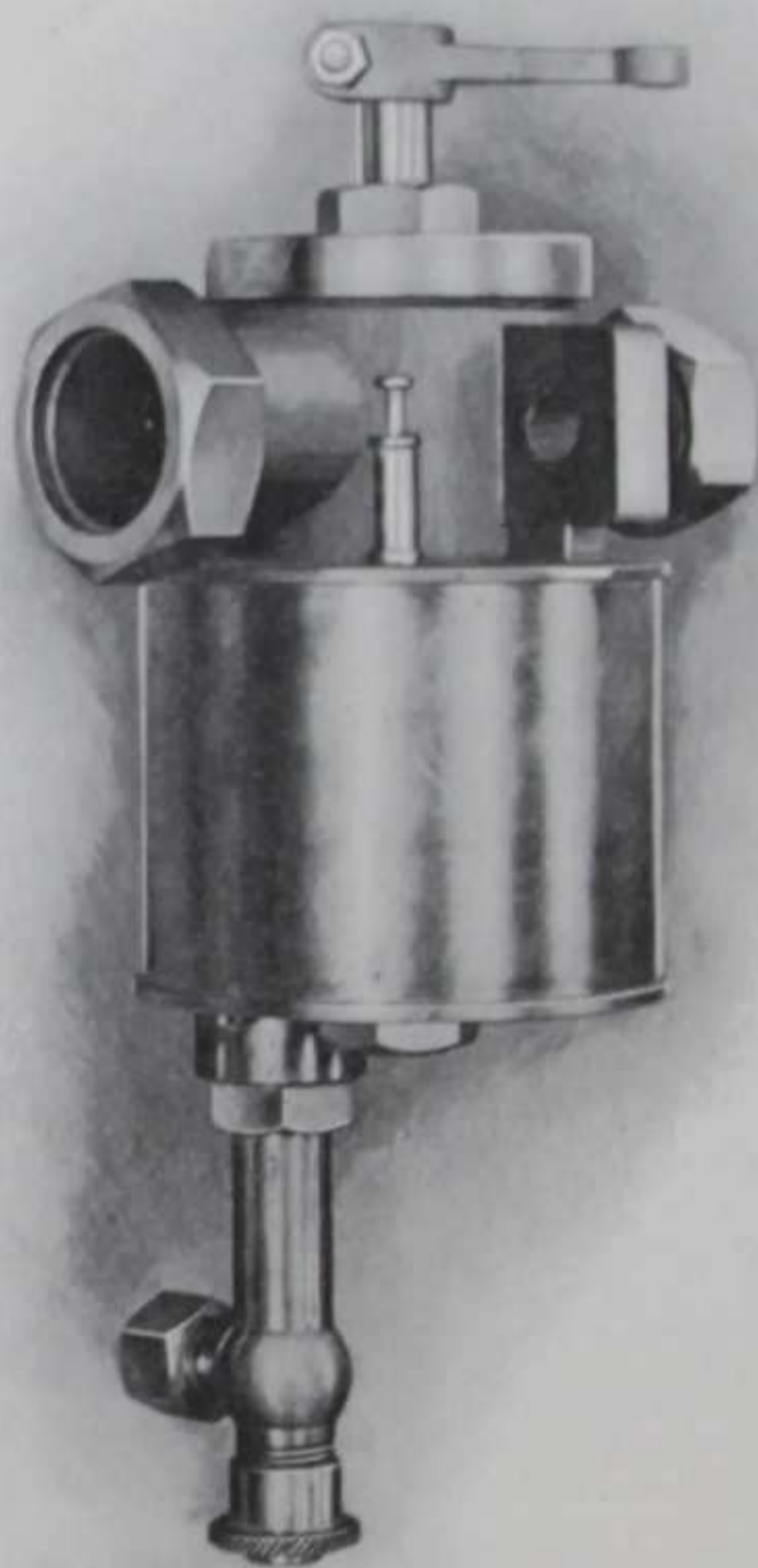
De Dion-Bouton Motorette Company
Brooklyn - New York



1900 Model Genuine De Dion
Float Feed Vaporizer

We have used this Vaporizer with great success on "Motorettes," and can recommend it to the trade as a very efficient and economical apparatus. The right hand chamber contains the spun brass float which regulates the gasoline level exactly. The other chamber performs the vaporizing function. The lower opening admits hot air to the apparatus, while the upper passage leads to the motor. The side opening admits cold air, while the proportions of air and gasoline mixtures are regulated by the valve lever on top of the vaporizing chamber. This vaporizer is the subject of several recent United States patents. Price complete, as shown, \$25.00

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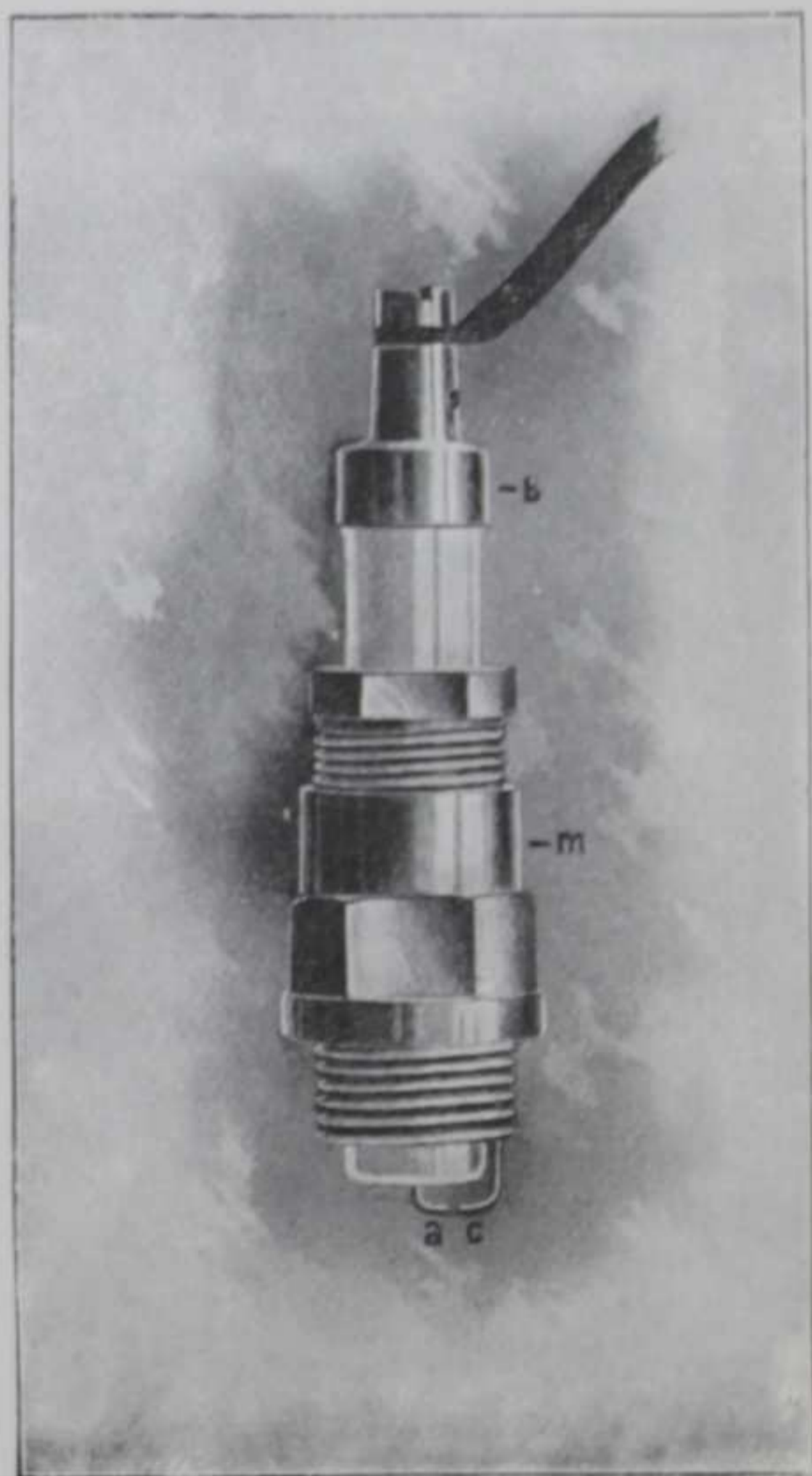
De Dion-Bouton Motorette Company
Brooklyn - New York

On the opposite page is illustrated the latest model De Dion Vaporizer, for the season of 1901. This vaporizer is fitted to 1901 De Dion "Motorettes." The gasoline enters at the bottom, the regulating needle valve being in the tube below the large float chamber. Hot air is not required, cold air only entering at the opening above the float chamber. A single operating lever, shown on top of the regulating valve spindle, controls both the cold air and gasoline passages.

One of the advantages of the 1901 model vaporizer is a better gas mixture, which increases the facility of starting the motor and its power when running. This vaporizer is also very simple in construction and operation.

\$35.00

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De Dion-Bouton Motorette Company
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The cut on the opposite page illustrates the genuine

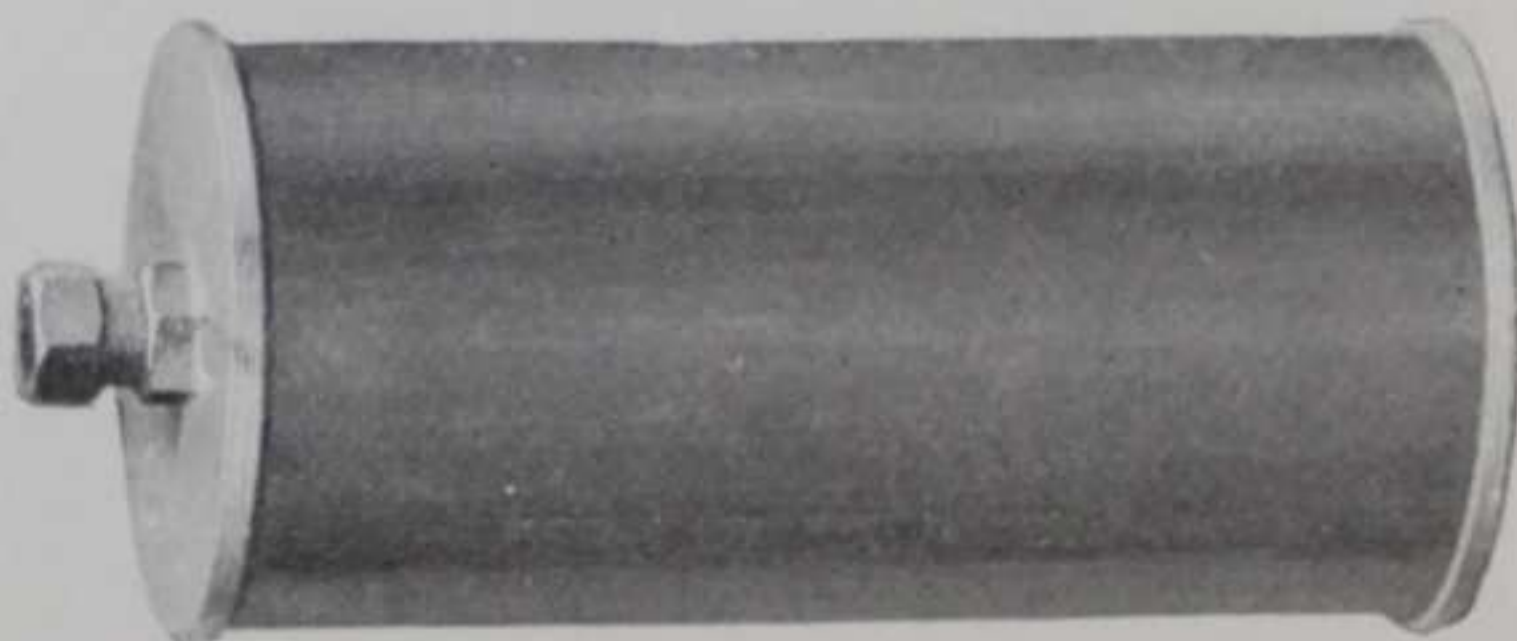
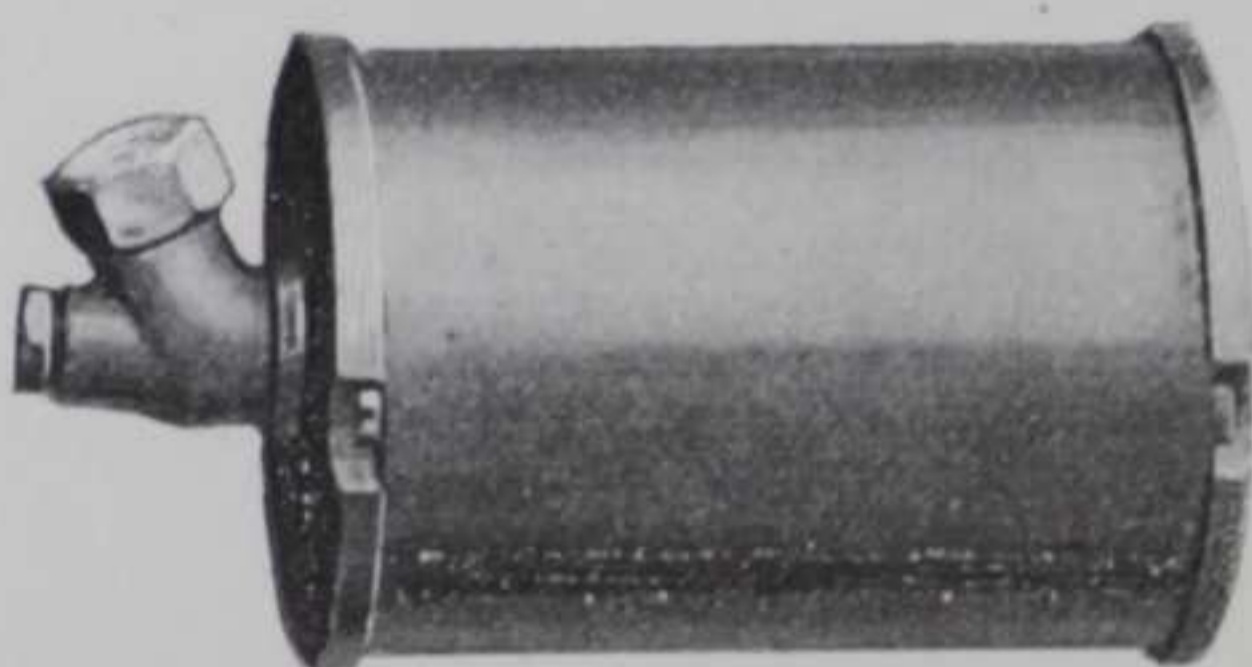
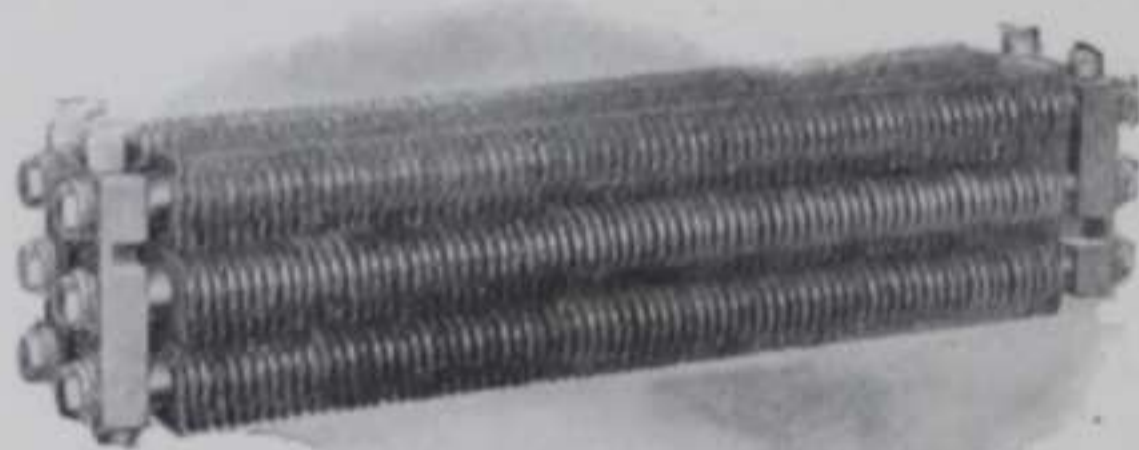
De Dion Sparking Plug

This is the most successful sparking plug in use, its special feature being an absolutely non-porous porcelain insulating tube. De Dion-Bouton & Co. have spent a large sum of money experimenting with different porcelains, and now can recommend this plug without reserve. Price complete, as shown,

\$2.00

We can repair broken plugs promptly, for which service the charge is 75 cents.

De Dion-Bouton Motorette Company
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De Dion-Bouton Motorette Company
Brooklyn - New York

De Dion Radiating Coil

Complete, as shown, suitable for motors up to 4 horse power. No better recommendation for this coil can be had than the statement that we equip it to our No. 1 New York type "Motorettes." Price complete, . \$30.00

Price of 5 horse power radiating coil, similar to one illustrated, but having 9 radiating tubes, \$40.00.

Genuine De Dion Muffler

For motors of $1\frac{3}{4}$, $2\frac{1}{4}$, or $2\frac{3}{4}$ horse power.

Price complete,	\$7.50
Elbow for same,	1.00
Union for same, . . . . .	.40
Hangers a pair,	1.50

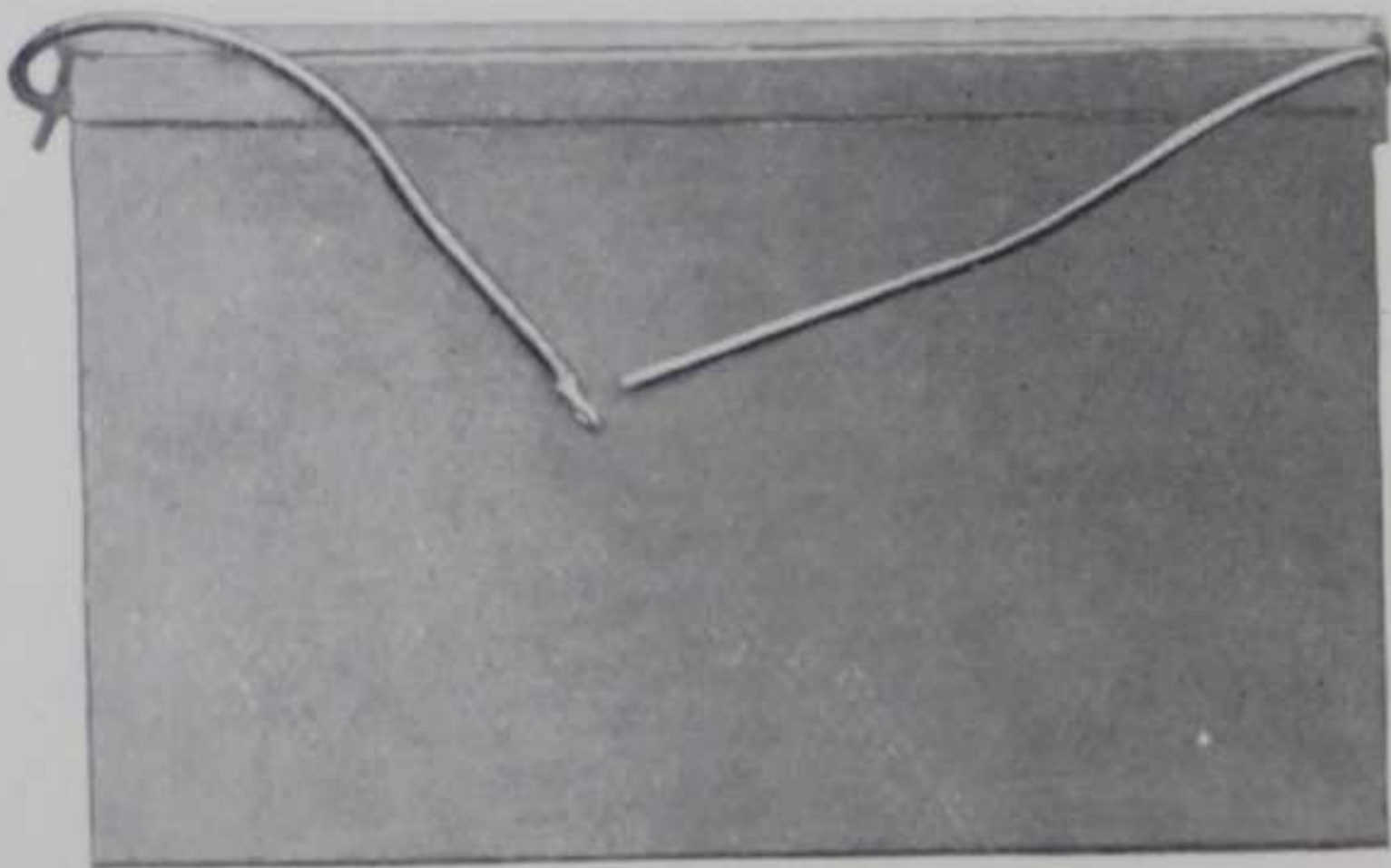
For motors of $3\frac{1}{2}$ horse power.

Price complete,	\$10.00
Union for same, . . . . .	.40
Hangers for same (pair),	1.50

De Dion-Bouton Motorette Company
Brooklyn - New York

We are importing, and have for the market, a new improved type genuine De Dion Induction Coil, especially designed for automobile purposes. We can recommend this coil without reserve. This coil cannot be obtained from others than ourselves and our regular agents. The coil proper is incased within a heavy hard rubber cylinder, fitted with heads of same material.

Price of coil, complete, as described,	\$22.50
Hard rubber case, complete,	5.00



De Dion-Bouton Motorette Company
Brooklyn - New York

The cut opposite illustrates the well known De Dion Dry Battery, of 4 cells, enclosed within a case as sold.

This battery is the best one ever offered to the automobile trade. It is the result of much experiment on the part of the original manufacturers in France, and a final arrangement by which De Dion-Bouton & Co. have become the sole manufacturers, this battery being now built at the works at Puteaux, in a special shop built for that purpose. This battery yields ten or eleven amperes. The outside dimensions are : Length, 12 ins.; height, $7\frac{1}{4}$ ins.; depth, $2\frac{1}{2}$ ins. On a De Dion Motorette its life is 300 working hours, or approximately 3,500 miles running of Motorette. Price complete, as shown, \$8.00 ; metal box for same, \$4.00.

De Dion-Bouton Motorette Company
Brooklyn - New York

*Parts for 1 $\frac{3}{4}$, 2 $\frac{1}{2}$, or 2 $\frac{3}{4}$ Genuine
De Dion Motors*

Cylinder, \$10.00

CYLINDER HEAD OR COMBUSTION

Chamber, without valves, 7.50

Cylinder, with valves, 20.00

Water jacketed head for 2 $\frac{3}{4}$ motor,
without valves, 30.00

Water jacketed head for 2 $\frac{3}{4}$ motor,
with valves, 50.00

VALVES

Inlet valve, including seat and spring, 5.00

Inlet valve spring,15

Collar,10

Inlet valve dome, with screw (nickeled), 2.40

Inlet valve dome, without screw, 2.00

Screw for same,50

Exhaust valve only (solid nickel), 3.00

Exhaust valve, with spring, washer,
and key, 3.40

Spring,10

Washer,10

Key,10

De Dion-Bouton Motorette Company
Brooklyn - New York

DRIVING PINIONS

1 1-toothed pinion,	\$2.40
1 2-toothed pinion,	2.40
1 3-toothed pinion,	2.80
1 5-toothed pinion,	3.00
Nut and check nut for same, . . . . .	.60

VALVE CONNECTIONS

Inlet valve elbow (full nickeled),	1.50
Connecting nut for same, . . . . .	.15
Exhaust valve elbow,	1.50
Nut for same, . . . . .	.15

SPARKING MECHANISM, ANY MOTOR UP TO AND
 INCLUDING 5 HORSE POWER GENUINE DE DION

Insulating base plate of vibrator,	\$0.80
Trembler spring,	1.25
Platinum-tipped screw,	1.00
Trembler stud, . . . . .	.40
Attaching screw for same, . . . . .	.10
Stud for platinum-tipped screw, . . . . .	.40
Locking screw for same, . . . . .	.10
Sheet steel bridge, . . . . .	.25
Cover supporting studs, each, . . . . .	.50
Aluminum cover, finished,	1.00
Finger nuts for same, each,15
Sparking cam, in rough,	1.40

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Parts for 3½ or 5 Horse Power
Genuine De Dion Motors

Cylinder complete, with valves,	\$100.00
Cylinder complete, without valves,	85.00
Dome for water outlet,	2.50
Compression cock,	1.50
PISTON	
Piston complete,	20.00
Piston rings, each,	1.00
Wrist pin only,	5.00
Tapered screws for same, each,	1.00
VALVES	
Inlet valve complete,	5.00
Valve only, with spring,	2.50
Seat only,	2.50
Nickeled dome,	2.50
Screw for same (nickeled), . . . . .	.50
Elbow (nickeled),	1.75
Spring, . . . . .	.10
Washer, . . . . .	.10
Key, . . . . .	.10
Exhaust valve complete, with spring and key,	5.00
Valve only,	4.75
Spring, . . . . .	.25
Washer, . . . . .	.20
Key, . . . . .	.10
Spring, washer, and key, . . . . .	.30
Elbow (steel),	2.00

De Dion-Bouton Motorette Company
Brooklyn - New York





Hagley

MUSEUM
AND
LIBRARY

GIFT OF

Z. Taylor Vinson

A. S. CLEMENT, PRINTER,
621 BROADWAY, NEW YORK.