

# Latest News About Things ELECTRICAL

## VACUUM CLEANER CALLS FOR CARE

Must Be Kept in Good Condition to Satisfy Housewife's Demands.

"The most difficult thing to teach a woman is how to care for machines."



The Premier Vacuum Cleaner has all the good features of any good cleaner. The cost is less. A phone call will bring a demonstrator into your own home.

**CARPENTER P. CARPENTER**  
Electrical Contractor  
Dealer in Household Appliances.  
Phone N. 8349  
1247 Kearney St. N. E.  
Remember the Name.  
"Carpenter"—"Electrician"

ery," declares one of America's foremost experts on household efficiency. "Her majesty, the queen of the home, expects that when she touches a button the machine will do the rest—forever, automatically and without the slightest care."

But household labor-savers cannot be built that way, she says. More's the pity. If it were possible, manufacturers of these machines would do it. They make their appliances as nearly automatic and trouble-proof as human ingenuity permits, but until we have perpetual motion we cannot hope to have electrical labor-savers which will operate indefinitely without reasonable care, she adds.

Vacuum cleaners reduce the labor of sweeping and dusting to the minimum; yet a vacuum cleaner will not last its full span of years nor give complete satisfaction unless it is kept in good condition. This does not take much time; it calls only for a little thought and perhaps five or ten minutes a week of actual work.

First, empty the bag regularly. One of the most common forms of vacuum cleaner neglect is to put the machine away with the dust bag partly filled with the accumulations of a week's sweeping. This appreciably reduces the efficiency of the machine, makes it harder to handle, and is wasteful both of time and electricity.

Keep your vacuum cleaner clean. Do not allow it to become dusty, tarnished, coated with a film of gritty dirt. Anyone who has inspected the engine room of a ship or peered under the hood of a famous racing automobile or ridden in the cab of a railway "limited" will recall that the machines are always as spick and span as a well kept kitchen floor. The more expert a machinist is, the more "fussy" he is to keep his machinery immaculate.

This is not a mere whim. Machines that are dirty and unkempt deteriorate much faster than machines which are bright and clean. Just as furniture or rugs which are permitted to gather dust and grime, which become frayed and marred, do not last so long as similar articles that are well kept. A little care means longer life, better service and less time spent in operation.

Keep your vacuum cleaner oiled. The ordinary vacuum cleaner motor runs at the rate of from 4,000 to 10,000 revolutions a minute. At these terrific speeds, adequate lubrication is essential; otherwise the bearings heat and wear.

Should a vacuum cleaner motor be

allowed to run "dry"—that is, without oil—for any length of time, it grows so hot that when it cools again the bearings "freeze" to the shaft and require the services of a repairman. This "freezing" is quite simple, when you understand what happens. Hot metal expands, cold metal contracts. When a motor runs without oil and the shaft and bearing heat up, they do not separate appreciably; but when they cool again, the bearing contracts and shrinks upon the shaft exactly as a tire is shrunk upon a wagon wheel. The result is that the "frozen" bearing holds the shaft immovable.

When you endeavor to use the vacuum cleaner after the bearing is "frozen," the electric current tries to turn the motor but the stiff bearing resists it. The electric energy, struggling to make the motor move, and being as sternly resisted, develops heat exactly as in a flat iron. In addition, soon this heat destroys the insulation of the motor wires which form the three vital parts of the motor—the armature, the field and the commutator—which are not designed to resist heat beyond certain reasonable and safe limits. The motor begins to smoke; finally there is a flash, when the insulation is destroyed somewhere away inside the motor. The result is a "burned out" motor.

When oiling is advised, however, just enough oil is what is meant. Too much oil may do harm. The oil cups are made to accommodate the correct amount of oil and every machine sold is accompanied by specific directions as to the right kind and quantity to use. Follow those directions carefully and your motor will have a long and useful life.

The brush of the vacuum cleaner—if it has a brush—should be kept clean. The main purpose of the brush is to gather up threads and lint and bits of string, and to stir the surface dirt so that the rush of air can draw it up into the dust bag. Naturally and inevitably, the brush will become filled with hair and threads, and these must be combed out exactly as in the case of the old-fashioned carpet sweeper.

These four simple hints are all that make the difference between a vacuum cleaner that works rapidly and thoroughly and which "balks" and gives trouble; a clean dust bag, a clean and well kept machine, proper oiling, according to the manufacturer's directions, and a brush that is free from a tangle of hair and lint.

## MUSIC IN PLANT AIDS EFFICIENCY

Girls Work Faster and Earn More Under New Inspiration in Lorillard Factory.

Efficiency among the workers has increased twenty per cent in the Wilmington (Del.) plant of the Lorillard Company since the inauguration of a continuous music program during working hours. A gratifying feature of the innovation is that while classical or semi-classical music is beneficial, "jazz" is detrimental to efficiency.

According to the Wilmington Star, a player piano has been installed in the wrapping department of the plant, rolls have been purchased and a boy hired to "make melody" from the time the girls begin work until they stop. The playing and singing is practically continuous. Whether following the measured tempo of some sentimental ballad or the accelerated time of a march, nimble fingers move more rapidly over a task that is purely mechanical—and production is increased. This simple explanation concerning itself as it does with the psychology of a contented mind would have staggered a century or even twenty-five years ago. But figures are good witness and since the introduction of the piano and the girls have been encouraged to resist heat beyond certain reasonable and safe limits. The motor begins to smoke; finally there is a flash, when the insulation is destroyed somewhere away inside the motor. The result is a "burned out" motor.

The idea started in the minds of the officials of the company with the "sings" conducted at the plant by the Community Service. Quick to appreciate the larger part of my clothing, causing a sensation, and by this same act, receive a lot of cheap advertisement.

"My conception of what should be made a part of an operatic performance does not include dragging or undressing on the stage. There has been altogether too much of that sort of thing. It leads the audience to forget all about voice culture. It is not elevating, but just the contrary. It is not legitimate for an operatic artist to make what may appear to be a success in any such way. As a matter of fact, it isn't a real success."

"This brings up the question of what the public really desires. There are some who believe that at the present time the tendency is in the direction of the coarser, less refined things of life. Some believe that this is a direct result of the frightful turmoil into which the world was plunged by the great war. 'It has been pretty well over the

## DECRIES VAUDEVILLE ON OPERATIC STAGE

Too Much Undressing in Some Productions, Mme. Aida Believes.

"The operatic stage is no place for a vaudeville stunt," remarked Mme. Aida to a Musical America representative one morning last week. "Of course, the public can protest if the public wishes to and, in the final analysis, it is up to the artist. Dress undress mise en scene and all the trappings of the opera house enter into the success or failure of a production, but there is such a thing as saying altogether too much attention to the question of dress, and it would be quite as well also if there was not so much undressing on the operatic stage. I remember, following the first performance of 'Cleopatra's Night,' some one asked me why I didn't take off all my clothes when I was preparing to enter the bath, and I replied, 'I am a singer, not a vaudeville or burlesque artist (with all respect to the vaudeville stage which has made its bath scene more realistic if I had wished to do so and instead of going behind the screen, could have dropped the larger part of my clothing, causing a sensation, and by this same act, receive a lot of cheap advertisement."

Each of the girls in the rolling department are becoming slightly jealous and are asking pertinent questions concerning the installation of a piano in their rooms. During the recreation period the girls from the whole plant crowd into the room where music reigns supreme, but according to Weisman it looks as if every department must have its own piano.

**DANCES HER SADNESS.**  
Another favorite with Parisians, Isadora Duncan, the American classical dancer, has been delighting vast audiences at the Trocadero.

The demonstration was so great after one performance that "Isa Duncan" came to the footlights and made this little speech:  
"I danced here once the sadness of my tragic life," she said, "and you gave me in return love to such extent that today I have been able to dance a bacchanale. Let some one give me a hundred war orphans, and in five years I will have them dancing for the sheer joy of living. For this, one doesn't need worldly riches, only the riches of the soul."

## WALTER REED PATIENTS HEAR "MACHINE" MUSIC

An electro-static talking machine introduced recently in the Walter Reed Hospital reaches patients individually by means of a special electrical device. From a connection established with the main instrument, music is supplied to the invalid through a bedside receiving set, by merely raising the small receiver to the ear. In this way convalescent patients may derive enjoyment from the music without disturbing those too ill to listen to it.

Still another feature of the invention is its ability to transmit news of the day to the listener. The news is read aloud into the receiver in the library and immediately is within the reach of any patient who desires to hear it.

## MUSIC NOTES

The Railway Mail Service has just organized a men's chorus called the Orpheus Club.

Tokyo, Japan, has a new and unique music library which contains about 40,000 books of music.

The 150th anniversary of Beethoven's birth was celebrated in Japan by lectures and concerts.

An exodus of orchestra men is taking place in Austria and Germany because of the low wages paid.

Mr. Tanaka, a Japanese appointed by Keimei Kwai, a Japanese society for the advancement of invention is to make also a scientific inquiry into Oriental music. He already has studied the art of Chinese, Korean, and Hindoo music.

## IF IT'S OUT OF ORDER AND IT'S ELECTRICAL WE'LL FIX IT RIGHT

Electrical work and appliances do not often get out of order, but when they do need repairing it is economy to have the work done correctly—by experienced men.

Our mechanics are all reliable, experienced appliance repairmen. We back them to do only thorough, expert work.

Don't neglect your electrical appliances; if there is the slightest thing wrong with one of them have us attend to it at once. Remember, a "stitch in time save nine." A LITTLE attention now often prevents serious damage later.

We will KEEP your electrical devices "well." All Work Called For and Delivered PROMPT SERVICE

**Royal Electric Co.**  
Main 2928 1328 G St. N. W.

## Now Is the Time To Wire Your Home

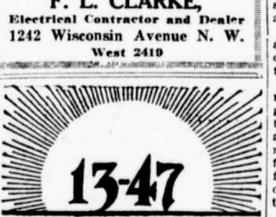


6 room house wired completely with Sylvania and Edison Mazda Lamps.  
**\$175.00**

Payable \$31 Cash and \$12 Monthly

**SPECIFICATIONS**  
Fixtures as follows: Parlor, 3 light shower, dining room, indirect lighting, kitchen, chain pendant, Halls, chain pendants with screen shades, Bed room, 2 light showers, Bath room, chain pendant, Basement, 1 light on cord.  
All Work Done by Expert Union Electricians—GUARANTEED.

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Electrical Contractor and Dealer  
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## The Song & Gift Shop

CARRIES A COMPLETE LINE OF Sheet Music, Records, Rolls  
Also Q. R. S. Rolls and Columbia Records

Big Sale of Columbia Records. Any Columbia Record in the House . . . **85c**

OUR SPECIALTY  
35c—ROLLS—35c

REMICK'S LATEST BIG HIT  
**"VENETIAN MOON"**

Lyric by Gus Kahn  
Music by Phil Goldberg and Frank Magin

**THE SONG & GIFT SHOP**  
NINTH AND D STS. N. W.  
HARRY SHEERS, Mgr.  
JEROME H. REMICK & Co., Props.

## The Brambach Baby Grand

\$895 and up

Here is a small piano of real merit, priced at no higher than the figure of a good upright and of greater value. Let us show it to you.

**E. F. DROOP & SONS CO.**  
Exclusive Distributors  
for Steinways in Washington 1300 G

## The Supreme Pleasure of Music

The ideal instrument of music for the home is the Pathe Phonograph. It is everything that you ever reckoned a good phonograph ought to be. It can justify itself in furniture alone—artistic in design, structurally substantial, exquisitely finished.

And in music—in tonal quality—supreme—without doubt the finest instrument of its kind made today. Its resonant tone-chamber, built like a violin, gives it a rich, full, natural tone.

Costs No More Than the Ordinary Phonograph

When selecting a Phonograph insist on hearing a PATHE—a complete Phonograph—the one that plays all makes of records and plays them perfectly—the genuine PATHE—the only phonograph to BUY.

EASY MONTHLY PAYMENTS  
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Franklin 5590 927 G St. N. W.

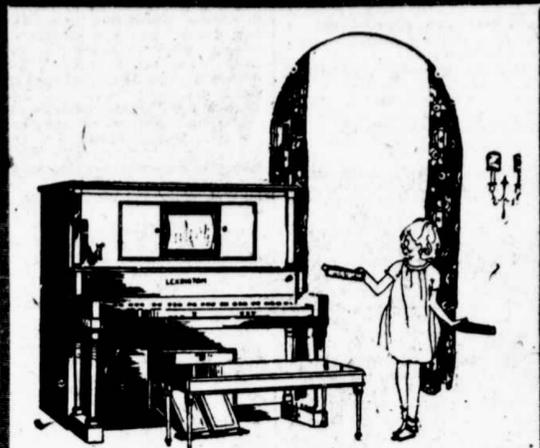
## Two Entrancing Dance Records

Just Out—and Everybody's Asking for Them—

# Railroad Blues

# I'll See You in C-U-B-A

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## The Favorite Spot in the House; Where the Lexington Piano Stands

YOUR children will love it, the older ones will adore it, and the old folks will find a world of comfort and pleasure in it. You will find your Lexington Player Piano will be the popular center point of your home, around which all the best times are clustered.

Besides the wealth of diversified music it gives you, there is also the satisfaction of knowing that you have one of the best and hand-somest instruments in the market, even though you have obtained it at a moderate cost.

EASY MONTHLY PAYMENTS  
**\$1.25 June Q. R. S. Word Rolls \$1.25**

1115 Bow-Bow	1129 Hilo March
1116 Cuddle Up	1120 In the Land of Evangeline
1118 Don't Take Away Those Blues	1121 In Sweet September
1108 Discontented Blues	1123 Jelly Bean
1119 Don't You Remember the Time	1127 There in the Skies
	1113 Wond'ring

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## HITS OF THE YEAR ON Player-Rolls

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EACH

Hand in Hand Again. Let the Rest of the World Go By. My Baby's Arms. Dardanella. Rose of Washington Square.

The Crocodile. I'll See You in C-U-B-A. Beautiful Hawaiian Love. Good Night Angeline. Loyal to the Stars and Stripes.

Have You Bought Any Rolls This Month

# Arthur Jordan Piano Co.

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Home of the Chickering Piano 1239 G St. N. W., Cor. 13th  
MUSIC ROLL DEPARTMENT—FOURTH FLOOR.