

**HOTEL WORK**  
—especially kitchen needs in sheet metal, ovens, boilers, ventilators, coffee and tea urns, radiators, hot water system is a specialty in our line, for the correct doing of which we are famous, employing the best mechanics using the best grade of goods, and charging very reasonably for all work done.

**Henry G. Winter**  
48 North First Street  
Phone 635

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**V. MUZIK, JR.**  
*Baggage, Expressing, Moving*  
Highland Park and Highwood

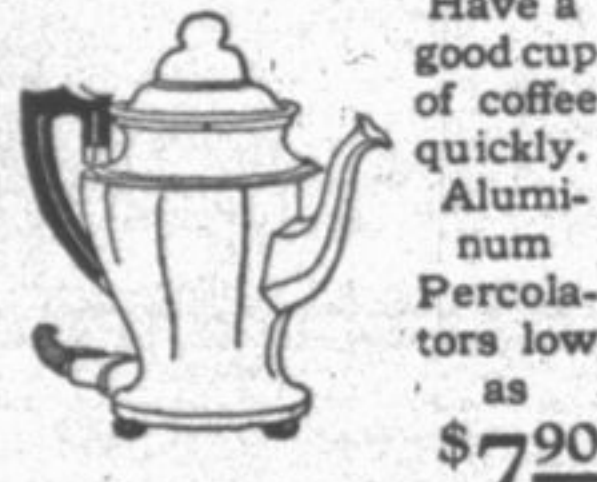
**Public Service Stores**

**GIVE SOMETHING ELECTRICAL**

Useful Christmas gifts are appreciated most. Something electrical is always welcome.

You will find many gift suggestions in our display of electric appliances.

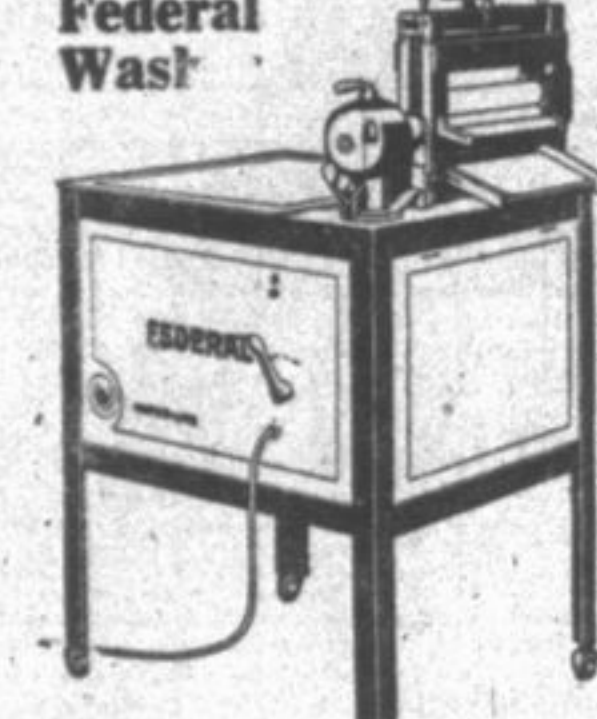
Have a good cup of coffee quickly. Aluminum Percolators low as **\$7.90**



**Waffle Irons** as low as **\$10**



**Federal Wash**



**\$2.50 Now**  
Balance monthly with your service statement  
All Metal Construction  
Built for Service

Why worry about the family washing when the new Federal can do the work so easily and satisfactorily?

**Electric Heaters**

**\$9.50 and \$10.00**



Substantially built. Big copper heat reflector and guaranteed heating element.

**We guarantee the appliances we sell**

**PUBLIC SERVICE COMPANY OF NORTHERN ILLINOIS**  
WM. GUYOT, District Superintendent  
51 S. St. Johns Ave., Highland Park. Tel. 568

**\$1.30 Now**  
Balance Monthly

Ask for Home Demonstration




**Vacuum Cleaner**

**Attachments FREE!**

With these attachments you can clean walls, furniture, drapes, pillows, cushions and hard-to-reach corners. Save your strength.

**Here is a gift for mother, wife or sister.**



**4-Piece Coffee Service**  
**\$4 Now, Balance Monthly**  
Electric percolator, beautiful loving cup design, six cups; serving tray, sugar and creamer. A handsome gift.

**Buy Lamps Now**

Large variety of styles and all rightly priced.



**Lamps Make Welcome Gifts**

**Curling Irons**  
for bobbed hair, Marcel waves and long curls, as low as **\$3**



**MAKING GOLD FROM MERCURY; TEST PLAN**

BY SCIENTIFIC AMERICAN

**Extensive Experiments Under Way To Determine Practicability of Project; Success Expected**

Under the direction of the Scientific American, whose editor, E. E. Free, is confident of success, experiments have been started to determine the practicability of transmuting quicksilver into gold—a feat that is said to have been accomplished recently at great expense by Prof. Miethe of Charlottenburg Technical college, Berlin.

By Prof. Miethe's method it is estimated a pound of gold worth about \$330 would cost more than \$2,000,000 to produce, but it is believed that this cost can be reduced materially.

Experimenters say gold has a planetary system of 79 electrons, while quicksilver has 80. By permanently "knocking off" the superfluous electron with electric current, it is believed pure gold will result.

**Expense of Manufacture**  
In the experiments now going forward at New York university under the supervision of Prof. H. H. Sheldon of the department of physics, an effort will be made to discover the conditions that control the transmutation of mercury to gold, and estimate the cost of production.

From these experiments it is hoped it will be possible to tell with some precision, how long it will be, if ever, before "cheap gold" will make necessary a rearrangement of the world's monetary system.

The apparatus now being set up at New York university consists chiefly of a quartz lamp which incloses various tubes and electric paraphernalia. The lamp will hold about a half ounce of quicksilver vapor.

Mr. Free, whose articles on the Bohr theory of atomic structure have been widely quoted, declined to predict what effect upon the financial structure of Nations the cheap manufacture of gold might have.

**In Industrial World**  
In the industrial field, however, there certainly would be "revolution," he said, for "gold would replace copper in the making of chemical stills, telegraph and telephone wires, instruments and machinery, in numerous instances." He added:

"It is now believed that the atoms of all chemical elements are composed of two kinds of electric particles, negative particles called electrons and positive electrons called protons.

"All of the protons and some of the electrons in any given atom are believed to be concentrated in what is called the nucleus, at the atomic center. This nucleus plays in the atom the same role as the sun does in our solar system; it holds the atom together. Around this nucleus revolve the remainder of the electrons, just as our earth and other planets revolve around the sun.

"The extent to which artificial gold will be used in industry and in the arts will depend in large measure upon its cost. The object of our undertaking, therefore, is not merely to make gold, but to discover what it will cost to make gold."

**MANY PUPILS ENTER HOME LIGHTING CONTEST**

Local Chairman Reports About Thousand Boys and Girls Sent Essays

The Better Home Lightin Contest, as far as the many boys and girls who participated in it are concerned, came to a close a week ago last Saturday. The essays and primers have been handed in to the committee of judges whose duty it now is to read each one over carefully and give it the rating it will bear in competition for the many wonderful prizes.

According to Mr. Reesman local chairman of the contest, approximately 1000 essays had been turned in up to closing time November 15th. The showing made by local boys and girls was very favorable and after the local prizes have been awarded, it is expected that several essays will be entered into competition for the national prizes which will be awarded later.

Names of electric league prize winners will be announced within a few weeks, or just as soon as the judges are able to give each essay their full consideration. Mr. Reesman stated that all the essays that have been graded so far have been extremely well written and show that the contestants had fully mastered the details required of them. Watch this paper for further announcements regarding awarding of prizes.

**CRIPPLED WOMAN WORKER**

Mrs. Martha Clemens of Eldersville, Pa., although 97 years old and badly crippled, earns considerable money by knitting beautiful laces while confined to her bed and is unable to supply the demand for her exquisite handiwork.

**Notice the Way the Wind Blows**

The amount of money invested in public utility securities by citizens of communities served by these companies has grown to enormous proportions and continues to grow.

More money has been invested in public utility securities than in any other known security.

The list of stockholders of these companies are growing rapidly.

**Why?**

Because: By the very nature of their business public utility companies have great financial stability.

They furnish community necessities.

Their earnings are remarkably regular.

Their business is under government regulation.

No other line of business has a finer record for safety and for years conservative investors have been well satisfied with the prompt, regular income received from these securities.

Let us give you full details regarding this 7% investment.

Get in now so that you will be one of those who receives a dividend check on January 1st.

**North Shore Gas Company**



*The Living Room and Sun Porch in Winter Warmly Enriched by*

**ORIENTAL RUGS**

The atmosphere of good taste and inviting comfort produced by well-chosen Oriental Rugs cannot be achieved with any other kind of floor covering.

Their luxurious effect and interest-compelling qualities are not merely a matter of coloring, patterns and material—any more than is the merit of any other work of art to be found in the mere medium of its expression.

Higher civilizations of other lands and later times have strived and utterly failed to equal—much less surpass—the handiwork of the master weavers of the Orient. Herein lies the elusive charm imparted to the home furnished with Oriental Rugs.

Considering them again from a purely practical point of view, Oriental Rugs, because of their great durability, cost you less per year of service than any other carpeting

THESE ARE SOME OF OUR DIRECT IMPORTATIONS — NOTE THE VALUES

Lilahan, 19.0x10.4	\$ 865.00	Bergamo, 6.0x4.0	\$ 67.50	Sarouk, 21.1x14.5	\$1,450.00
Sparta, 17.6x11.2	690.00	Anatolian, 5.2x3.6	32.00	Caraja, 10.4x8.9	65.00
Lilahan, 22.5x11.8	1,550.00	Ladic, 4.1x3.5	30.00	Kurdistan, 13.2x4.2	75.00
Sarouk, 20.0x10.8	2,100.00	Mecca, 5.9x4.0	52.00	Sparta, 26.7x14.2	1,265.00
Bokhara, 3.10x3.0	32.50	Gorevan, 15.0x9.6	375.00	Arak, 18.0x12.0	750.00
Melaz, 5.10x3.7	35.00	Kashan, 16.10x10.4	1,750.00	Khiva, 10.0x8.0	150.00
Oushak, 5.4x3.2	35.00	Anatolian, 20.3x12.0	750.00	Anatolian, 13.0x10.0	335.00
Afshar, 5.2x4.0	55.00	Serapi, 15.7x9.10	375.00	Bokhara, 13.2x7.8	325.00
Shiraz, 3.6x3.4	40.00				

You will like the attitude of friendly helpfulness and real interest shown in your requirements

**Nahigian Brothers, Inc.**  
Direct Importers  
Established 1890

28 and 30 South Wabash Avenue

Sultanabad, Persia CHICAGO Constantinople