



**Triumph.**  
Two women set out, with vicious intent.  
The patience of man to exhaust.  
And their wits to every corner were sent.  
Regardless of labor and cost.  
They visited shops, but saw nothing to buy  
And only sample took home;  
Then street car conductors with questions  
Did ply.  
But simply got "yes" and "no."  
So none of these schemes seemed to work  
As they should.  
For clerks and conductors were seared  
And every device, from the bad to the good.  
Had failed up to date, it appeared.  
But at last an idea was evolved from the  
mind  
Of these feminine seekers for fame,  
Deciding then soon an occasion to find  
For giving a test to the same.  
Its success was complete, a "star" was to  
play;  
The box office till was a mine—  
They squabbled ten minutes over seats and a  
day.  
And shared fifty men in the line.  
—J. B. Allen in Boston Transcript.

**Carlyle's Love for His Sister.**  
When Thomas Carlyle died, in 1881,  
he left to Mrs. Hanning property sufficient  
to render her independent for the  
remainder of her life, writes Louise  
Marschall in an interesting article  
on "The Last of the Carlyles," with il-  
lustrations, in the May Ladies' Home  
Journal. For three years after her  
husband's death Mrs. Hanning re-  
tained her home, but finally relin-  
quished it to reside with her daughter,  
Mrs. Leslie.

Since 1881, therefore, Mrs. Hanning  
has made her home with her daughter  
and her daughter's husband in their  
delightful farm at Drumquinn, Ontario,  
Canada, which is named after "Comely  
Bank," at Craiginputtock. She has  
her own apartment, and in it sits, day  
in and day out, with her books and  
her thoughts.

The books which form her library  
are many and valuable, and in most  
cases have the added interest of being  
gifts from her brother. Her collection  
of Carlyle's published works is com-  
plete, and was given her volume by  
volume, as published by Carlyle him-  
self. On the title page of each even  
an autograph inscription, always breath-  
ing the affection which he bore and  
showed the sister from whom he was  
so widely separated.

"From her affectionate brother, T.  
Carlyle," is the usual form of signa-  
ture.

**Baroness Wilson's American Tour.**  
Baroness Wilson, a celebrated Span-  
ish writer, has completed her second  
tour through South America, Mexico,  
Central America and the United States.  
The baroness is a great traveler as well  
as a writer, and spent fifteen years in  
those countries, studying the people  
and their history. As a result, she has  
published a series of valuable travels  
and historical works. The govern-  
ments of all the countries she visited  
showed attentions on her, and every  
means in their power was placed with  
in her reach to enable her to pursue  
her historical researches. The govern-  
ment of Venezuela raised an appropriation  
of \$15,000 from Congress for her  
contingent expenses. She is an hon-  
orary member of the principal literary  
societies in Spain as well as South  
America. She was also appointed a  
member of the international congress  
of Americanists held in Madrid in  
1892. The baroness is a native of Gran-  
ada. She was educated in Paris, and  
on leaving the convent married an  
Englishman, Baron Wilson, who died  
a few years later.

**English Women in Politics.**  
During the recent elections English  
women have been more actively en-  
gaged than ever in political work.  
They have descended into the arena  
of practical politics, as one writer has  
said, and are endeavoring to sweep it  
clean with the brooms of their intelli-  
gence. Whenever meetings have been  
held they have appeared upon plat-  
forms and taken part in the speeches;  
while in clubs and in committee-rooms,  
in alleys and by streets, or over the  
sparsely settled districts they have in  
all sorts of weather worked with de-  
voted zeal. They prepare canvass  
books, organize meetings, raise funds  
for the conflict, help build club-houses  
for the men, provide the tables with  
books and newspapers, canvass and conduct  
votes to the polls, toll all day and  
write far into the night for the cause  
they love, and when it is over the par-  
liament of men assemble at Westmin-  
ster and enact laws which she does not  
prohibit a woman from obeying, but  
prevents her formulating.

**Miss Amalie Kussner's Miniatures.**  
Miss Amalie Kussner's miniature  
paintings are beginning to be famous  
throughout the country, and her New  
York studio is filled with a stream of  
sitters. There has been a revival of  
miniature painting abroad for several  
years, and Americans who have run  
across to Paris have often brought  
home bewitching specimens of the  
half-forgotten art. And it was a  
French miniature painter who per-  
suaded Miss Kussner to turn her tal-  
ent in that direction. The now  
fashionable young artist who, by a co-  
incidence, is named after the famous  
miniature type, is a most painstaking  
worker, and does not let a portrait  
leave her hands until she has done her  
best to bring it to perfection. She  
paints with fairy-like brushes on thin  
pieces of ivory, using extremely deli-  
cate colors. It is pleasant to know  
that her faithful labors are rewarded  
by an income of about \$5,000 a year.

**Aid for the Harvard Annex.**  
About \$70,000 has been promised  
toward the \$250,000 endowment fund  
of the Harvard Annex, which is the  
Education Society, before he can recom-  
mend the incorporation of the Harvard

annex with the university to the direc-  
tors of the institution. It is now thir-  
teen years since the Society for the Col-  
legiate Education of Women, known as  
the Harvard Annex, was established at  
Cambridge, and it is now a school of  
300 women, its studies the same as  
those of Harvard College, and its  
classes taught by Harvard professors  
in time not claimed by the college.  
Students taking regular or special  
courses receive certificates from their  
professors as testimony of satisfactory  
work, but as the annex has no official  
connection with the university its  
students cannot receive Harvard de-  
grees.

**Native Courtesy of Women.**  
Ledyard, the great traveler, says  
that among all nations women adorn  
themselves more than men, but that  
whenever found they are the same  
kind, civil, humane and tender-  
beings, inclined to be cheerful, timor-  
ous and modest. He has found the  
women on the plains of inhospitable  
Denmark, through honest Sweden,  
frozen Lapland, churlish Finland and  
unprincipled Russia more hospitable  
and generous than men, full of cour-  
tesy, fond of society, but industrious,  
economical and ingenious. And when-  
ever the traveler, in the language of  
decency and friendship, has asked a  
question of any woman, civilized or  
savage, he has always received a de-  
cent and friendly answer, while with  
men it is often otherwise.

**Schumann's Wife as Teacher.**  
Mrs. Schumann teaches most of  
Schumann, Beethoven and Bach; she  
dislikes pyrotechnics in music; she  
likes the music of the heart, express-  
ing the emotions of life; she is an ar-  
dent admirer of all that is great and  
beautiful in art; her heart is tender  
and great, her mind is vast, and she  
lives in an atmosphere far removed  
from all envy or petty jealousies,  
writes Mathilde Wurm in an article  
entitled "With Schumann's Wife as  
My Teacher" in the May Ladies' Home  
Journal. Before playing Schumann in  
public she always read over again  
some of the old love-letters which he  
wrote her during the days of their  
courtship. They fill her with a better  
understanding of his music and help  
her to interpret the spirit of his words  
aright.

**Miss Florence Marryat.**  
Miss Florence Marryat, daughter of  
the famous writer, has always made  
literature a profession. She lives  
alone, attended by two servants, at a  
pretty little house in West Kensing-  
ton, where she has a remarkable col-  
lection of "pets"—dogs, birds and  
flowers. Miss Marryat is reputed to  
be very kind to young authors, of  
whom she has a good number among  
her friends. She is ever ready to dis-  
cuss a "character" or a plot with them.  
She has even been known to help the  
lame dog over the stile by writing a  
chapter in a novel, which, somehow or  
other, the author could insuperable  
difficulty in writing.

**A Girl Amateur Journalist.**  
Ethel Stout, ten years old, of Mel-  
bourne, Fla., has for two years edited  
the Midget, a paper for children. The  
subscription is 10 cents a year. She  
also has a quarterly publication, the  
Midget Magazine, costing 25 cents a  
year. She sets her own type. She  
learned her letters from type, and  
learned to set it when five years old.  
By means of her publications she  
raised nearly \$300 for the Temperance  
cause in Chicago. Ethel's great de-  
sire is to found a home or hospital for  
children, when she is old enough.

**Frenchwomen as Administrators.**  
The Auditor at the Conseil d'Etat in  
Paris, M. Cléry-Sicquin, has lately  
pronounced himself to be decidedly in  
favor of the posts of administrators of  
the different "bureaux de bienfaisance"  
being occupied by women. Thus, if M.  
Savarnin's conclusions are adopted,  
Frenchwomen will be at last ad-  
mitted into the management of what  
ought to have been their special  
province the administration of those  
public monies which are de-  
voted to the relief of the poor.

**Notes by the Way.**  
Holland has many women dentists.  
Mrs. Levi P. Morton has been as fre-  
quently interviewed as any lady in the  
land, and she is always affable and  
courteous on such occasions.

All the members of the English royal  
family have a great fancy for de-  
signing jewelry, and, as a rule, design  
all the presents they give to each  
other.

Miss May Raulett has built up at  
Rockland, Maine, quite an extensive  
business usually restricted to men—  
that of a shipping office, from which  
she furnishes seamen in any desired  
number.

President John F. Goucher of the  
Baltimore Woman's College, announces  
that the college has just received a gift  
of \$10,000 in the form of a check from  
a friend, whose name is not yet made  
public.

Lady Glasgow, wife of the Governor  
of New Zealand, has established in  
that country a mothers' union, "to  
awaken in mothers a sense of their  
great responsibility in the training of  
their boys and girls."

Tagliani, the great dancer, was a  
beauty of the Queen Anne type. She  
lived to be as old as Mrs. Keeley, and  
was fond of saying that dancing was  
the healthiest exercise possible and  
that she never had a headache.

Mrs. John D. Rockefeller has brought  
up her daughters very sensibly. They  
teach in Mission Sunday Schools, and  
one, when a student at Vassar, used  
her pocket money to defray the expenses  
of a poor girl at the same college.

Mrs. Dow, who owns and manages  
street-car interests at Dover, N. H.,  
is said to be not only a business wo-  
man, but also "a skilled housewife,  
a judicious mother, a good shot with  
gun and pistol, a fine swimmer and  
the possessor of property worth about  
\$200,000."

**Pathetic.**  
A friend visiting a well-known physi-  
cian over Sunday, found him very busy  
on that day with his patients.  
"Don't they allow you to rest on  
Sunday?" asked the friend.  
"Sunday?" exclaimed the physician.  
"Why, that's the only day that the  
poor can afford to be sick on—heaven  
help them!"

## LIGHT OF SCIENCE.

### FLASHES FROM MANY FIELDS OF PROGRESS.

**A Few Short Chapters on Electricity  
and Its Newest Fields of Usefulness—  
Tempering Modern Armor Plates—  
English Whalebacks.**

#### How Electricity Makes Light.

A great number of people have but  
a very obscure idea of the principle of  
the arc and incandescent lamp, respec-  
tively. It may be stated that in the  
arc lamp electric discharge takes  
place between two pieces of hard con-  
ducting carbon, separated from each  
other by an interval which is kept as  
nearly as possible constant by auto-  
matic devices. An arc light of intense  
brilliance, called an arc voltaic arc, is  
thus obtained. The carbons, being  
raised to an exceedingly high tempera-  
ture and exposed to the air, suffer  
waste by combustion, and hence re-  
quire renewal. There is also a trans-  
ference of particles in the direction of  
the current, the negative carbon in-  
creasing at the expense of the positive  
one. With the view of obviating in-  
conveniences arising from this cause,  
arrangements are often made for alter-  
nating the direction of the current.  
It is desirable both for the diffusion of  
light, and for the lessening of its oth-  
erwise painful and injurious intensity,  
that a globe of ground glass should be  
used. In the glow or incandescent  
lamp, a filament of carbon inclosed in  
a globe exhausted of air by a mercury  
pump serves as a path along which the  
electricity passes. The resistance  
the electricity meets with in  
passing through this filament is  
sufficient to raise the latter to incan-  
descence, and a light is thus obtained  
more suitable for domestic purposes  
and the illumination of interiors gen-  
erally than that afforded by the arc  
lamp.

#### English Whaleback.

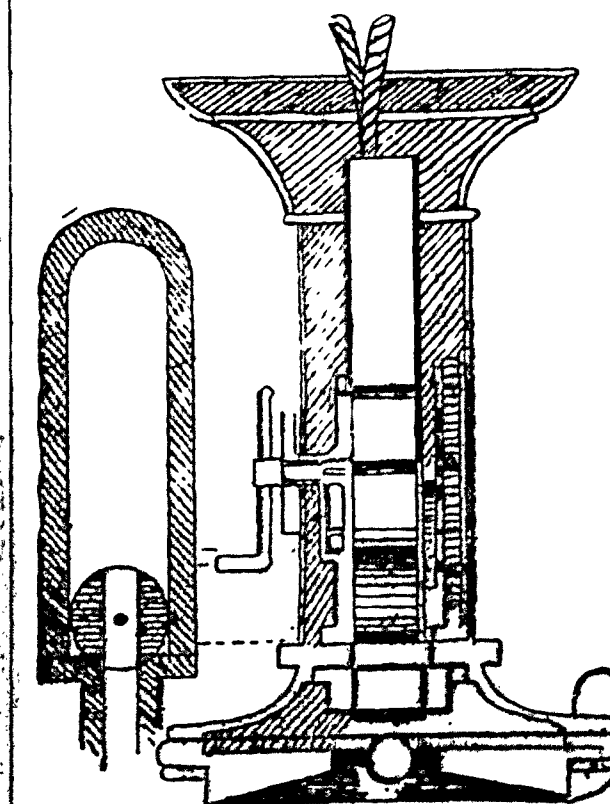
One of the novelties of the past year  
in shipbuilding is the turret deck  
steamer built by W. Duxford & Sons  
of Sunderland, England, which is  
practically a modification of the whale-  
back type now largely used on the  
lakes. In the only vessel of this design  
yet built the hull is shaped like most  
other vessels from keel to water line,  
but from the water line the shell is  
rounded off upward and inward until  
it terminates at the upright deck level  
in an upright structure, misnamed a  
turret, running fore and aft. The  
vessel has no sheer, the deck reaching in  
a perfectly straight line fore and aft.  
The plating, running inward from  
the water line to the turret deck, is  
thick and strong like that of the hull  
proper, so that the whole skin of the  
vessel above and below is of the same  
thickness. The engines are placed aft,  
as in whaleback steamers, so that from  
the engine-room to the foremast there  
is a large, continuous hold, interfered  
with only by the necessary bulkheads.  
The boat's accommodations for engi-  
neers and crew are all about the engine-  
room, but the Captain and officers are  
placed as usual under the bridge for-  
ward.

#### Gutta Percha from Leaves.

If the statement of Mr. Serullas of  
France may be relied upon, the gutta-  
percha industry may be almost revo-  
lutionized. From experiments made  
by Mr. Yungfleisch, in Java, he finds  
that the raw material may be obtained  
from the leaves of the isondra tree,  
instead of from the trunk, as at present.  
By the old method a tree, at the  
cost of its life, gives four ounces of the  
material, while by the new method,  
every six months 200 pounds of the  
dried leaves may be taken from the  
tree without injury, which yield from  
8 to 9 percent of gutta percha; this  
material, tested in a laboratory in  
Paris, was reported to be true gutta-  
percha. The yearly supply from a full-  
grown tree is from thirty-two to  
thirty-six ounces; instead of one-  
half ounce, as from the old method.  
Even of withered leaves from a tree  
whose trunk will yield no more  
juice one-half as much material can  
be obtained as from live trees.  
From 4 to 5 years old yield nine ounces  
from one harvest of leaves. He states  
that old trees which are of no use to  
the natives at present can yet be made,  
by this means to yield a large amount.

#### Novel Telephone Call.

A special arrangement for a tele-  
phone call has been used with the  
Siemens bipolar telephone instead of  
the usual magnetic call bell. This de-  
vice, known as a siren call, contains a  
brass cylinder of which two soft iron  
segments diametrically opposed form  
a part. This cylinder is rapidly re-  
volved by means of a crank and train  
of gears connected to the armature.  
The Electrical Engineer of London  
describes the action of the instrument  
as follows: "This rotation causes a  
rapid introduction and removal of the  
armature from the magnetic field be-  
low the soft iron pole pieces, and a  
corresponding magnetic change in  
their cores which affects the home as  
well as the distant telephone dia-  
phragms, setting them both into vibra-  
tion. In general the sirenlike sound



#### CALL FOR TELEPHONES.

omitted by the telephone alone is quite  
sufficient for the purpose of a telephone  
call; but the small bell which is at-  
tached to the cord must be kept re-  
sounding on the diaphragm; it is brought  
into violent movement by the vibra-

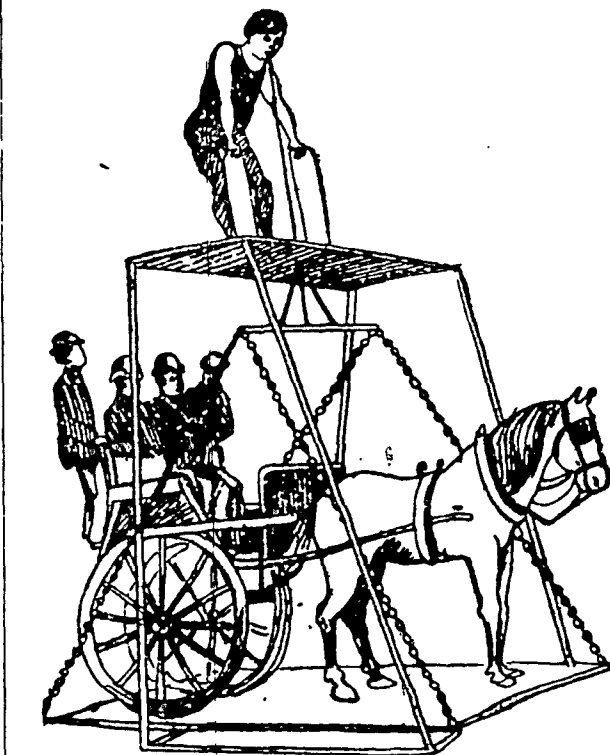
tion of the latter, and acts as an inter-  
sifier of the telephonic sound emitted.  
"The armature if left to itself would  
take up a position across the field be-  
low the poles, and weaken the mag-  
netic field through the diaphragm. In  
order to avoid this, when the telephone  
is used for conversation, it is necessary  
that the armature be always brought  
into its neutral position and locked  
there. This is done by a special spring  
catch dropping a pin into a pinhole,  
which arrests the armature in the  
proper position. When a call is given,  
this pin is first drawn out of action by  
a cam with a milled head, which to-  
gether with the crank handle for ro-  
tating the armature, projects outside  
the telephone casing."

#### No More Incrusted Boilers.

At a recent meeting of the Scientists'  
Association of Saxony one of its mem-  
bers recommended the use of carbonic  
acid in its liquid state as a preventive  
against incrustation of boilers.  
The boiler which is to be treated is  
filled with cold water, into which car-  
bonic acid is allowed to flow from a re-  
servoir near by. As soon as the  
water has become thoroughly per-  
meated with the acid it dissolves the  
carbonate of lime which is the prin-  
cipal cause of the crust forming around  
the boiler, and precipitates the parget  
with which it is allied without the  
least injury to the inner sides of the  
boiler.

#### A Wonderful Jaw.

Mr. Dan Sullivan, who lifts a horse  
and cart and four men with his teeth,  
is the latest attraction at the Royal  
Aquarium, London. Sullivan is a well-  
made man, who looks several inches



**A STRONG MAN, WITH STRONG TEETH.**  
taller than the five feet eight inches  
which he stands. The illustration,  
taken from a sketch, shows how Sulli-  
van arranges his burden before lift-  
ing it.

#### Tempering Large Armor Plates.

A new process of tempering a four-  
teen-inch Harveyizing armor plate was  
tested at Bethlehem, Pa., recently.  
Heretofore this was done by ejecting  
ice water against a red hot plate in a  
vertical position, with the result that  
the water was made boiling the in-  
stant it touched the upper end of the  
plate, and the heated water did not  
have the proper effect on the rest of the  
plate. In the new process the plate  
was laid down in a specially prepared  
frame, the water was made ice cold by  
treating it with salt, and was then led  
treating it with salt, and was then led  
one foot of the plate. The water was  
forced through the sprinker under  
great pressure, while the under side  
of the sprinker was kept cool by water  
running over it from a fixed spigot.  
The sprinkling continued for one and  
one-half hours, and the plate was then  
taken by a crane and immersed in the  
oil bath, there to remain thirty hours.  
The government officers present re-  
garded the new process as highly suc-  
cessful.

#### The Woman Who Attracts Attention.

The elbows are now worn quite be-  
hind the waist; so runs the latest fash-  
ion mandate, which isn't as absurd as  
it sounds, for so universally recognized  
is the fact that a fine carriage is one of  
the essentials of a prepossessing ap-  
pearance that the smart woman car-  
ries her head high, her chest well  
thrust out, and her elbows neces-  
sarily fall well back out of the way.  
This is particularly true of city women,  
who realize that the woman who makes  
the best effect is always the woman  
who carries herself well. On closer  
acquaintance the pretty face begins to  
tell, and somewhere between the two  
the dress comes in for a share of atten-  
tion as to details with men. And it is  
to please unfeeling women who dress  
to aggravate other women.

#### What Ailed Him.

Winkers—What's the matter with  
your junior partner nowadays?  
Minkers—In what way?  
"He has become very absent-minded,  
never seems to notice what is going  
on, and appears to be drifting into a  
condition of chronic melancholia."  
"Oh, that's all right. He recently  
became a proud and happy father, as  
the papers say."

#### Beating Dame Nature.

Drummer—It just beats all. I'm  
traveling for an umbrella house, and  
every place I've struck has been suffer-  
ing from drought.  
Inventor—I am traveling with a rain-  
producing apparatus, and every town  
I've struck was knee-deep in mud.  
Drummer—I say, let's travel to-  
gether.

#### Improving Exercise.

Papa—See here, sir! The policeman  
tells me you are one of the boys who  
jump on and off railroad trains at the  
crossing.  
Small Son—Oh, that's real improv'm'  
exercise. When I grow up mebbly I  
can get on an off street cars without  
getting killed.

#### Losing Interest.

Small Boy—I think our teacher is  
lost! Interest in what?  
Father—Why so?  
Small Boy—It's most two weeks  
since she reminded us boys that we  
might grow up to be President, if we  
studied hard.

#### Rather Hard.

Bright Boy—How is Hawaii pro-  
spected?  
Teacher—Um—ask your father, and  
then you'll remember.  
Bright Boy—Did, and he told me to  
ask you, so I'd remember.

## THE GARTEN REMEDIES FOR THE CURE

— OF THE —

## Liquor, Morphine and Tobacco Habits ARE RELIABLE!

They not only have no bad effects on the system, either  
during treatment or after its completion; but on the contrary the  
general health is improved from almost the first treatment.

## Garten Gold Cure Co.,

411 & 412 Ellwanger & Barry Bldgs ROCHESTER, N. Y.

## Hollister Lumber Co., L.M. LUMBER and COAL,

106 North Goodman Street, next to N. Y. C. & H. R. R. R. Telephone 63.

## The Delaware & Hudson Canal Co., LACKAWANNA COAL

W. C. DICKINSON, AGENT, 13 East Main Street, and 69 Clarissa Street.

## MUSIC.

Sheet Music and everything in the Musical  
Lines Best Quality and Lowest Prices  
GIBBONS & STONE PIANOS

AND MANY OTHER KINDS.  
Estey Organs, Empire State Organs, Fine Violins, Guitars, Banjos, Etc.

GIBBONS & STONE, No. 110 East Main Street.

## Maguire Brothers, Coal Dealers,

Try our Mine Pea Coal for domestic use. Price \$1.00 per ton less than regular sizes.  
Up-Town Office, Brewster Bldg. 187 E. Main Yard and Office, 281 Lyell Ave.  
Telephone 18a.

## GEO. ENGERT. BUY YOUR A. F. SCHLICK. COAL,

OF GEO. ENGERT & CO.,  
Principal Office and Yard, 306 Exchange Street. Downtown Office, Ed. Mcweeney's, East Main  
corner South St. Paul Street. Telephone 257.

## BERNHARD & CASEY,

Dealers in Celebrated Lehigh Valley Coal, Baltimore  
in Vein.

And also in the Helvetia Mines, Reynoldsville Basin Steam Coal,  
YARD AND OFFICE, 162 ORCHARD STREET, ROCHESTER, N. Y.

Hack, Coupe and Livery Stables. Fine Carriages and Moving Vans on Hand.

## City Baggage and Hack Line,

Walker S. Lee & Son, 296 and 298 Central Ave.  
SPECIAL RATES FOR SLEIGH RIDES. Telephone 534a

## CHAS. BRADSHAW SCRANTON COAL,

Dealer in  
Our Pea Coal is the largest and best. \$1.00 per ton less than regular size. Yard and  
Office, 48 South Fitzhugh St. Telephone 148.

## LOUIS EDELMAN, Anthracite and Bituminous COAL,

Wholesale and retail dealer in  
Cumberland and Mt. Vernon Smithing Coals.

TELEPHONE 576. 40 North Avenue.

## JOHN M. REDDINGTON COAL

Wholesale and Retail Dealer in  
TELEPHONE 390. 179 WEST MAIN ST.

## Send Your Book and Job Printing

TO THE  
Catholic Journal Office,

327 EAST MAIN STREET.

## WE WANT RIGHT AWAY

Reliable men in every section of America to represent us, advertise and keep our show cards in public roads. Steady work in your own country. \$75 A MONTH. SALARY AND EXPENSES PAID EVERY TWO WEEKS WHEN STARTED. J. H. SCHAFF & CO., CINCINNATI, O.

## ASTHMA

Dr. Taft's ARTHMALENE contains no opium or other  
narcotics, but destroys the specific asthma poison in  
the blood, gives a night's sweet sleep and CURES  
On receipt of name and  
Post-office address we mail  
trial bottle and prove  
to you that  
FREE  
ASTHMALENE  
will and does cure asthma  
so that you need not neglect your business or sit up  
all night gasping for breath for fear of suffocation.  
For sale by all druggists. DR. TAFT BROS. MEDICINE CO., ROCHESTER, N. Y.