







# WRIGHT'S TURBINE POWER PLANTS

BY HERBERT F. JACKSON

**FALLEN TREE—TOO MUCH BOXING**

**CLEANING THE CUTTERS PREPARATORY TO DIPPING**

**CHIPPING FOR CUP SYSTEM**

**BOXING A TREE**

**THIRD YEAR BOXED TREE OPERATING CUP SYSTEM**

and the industry is not so old in the western states. But the improved conditions under which turpentine and resin are manufactured in Texas and Louisiana will not account for more than one-fourth of the increase in yield.

To demonstrate more fully the use of improved methods is largely responsible for the remarkable increase shown, the reports from two of the larger establishments in Texas, one using the cup and apron system and the other the cutting boxes on the tree, are compared. The establishment using the cup and apron system reported a yield of 1,372 barrels of turpentine for 20 acres, as against a yield of 1,500 barrels of turpentine for 25 acres where the old methods were employed. The increase of 128 barrels, or 8.5 per cent, is due to the cup and apron system as against 42.8 for boxes.

Both companies were operating for the first year and the increase in yield is due to the fact that the cup and apron system is more efficient than the cutting boxes on the tree. The cup and apron system is more efficient because it allows the turpentine to flow from the tree into a cup and apron system, which is more efficient than the cutting boxes on the tree. The cup and apron system is more efficient because it allows the turpentine to flow from the tree into a cup and apron system, which is more efficient than the cutting boxes on the tree.

**WRIGHT AEROPLANE "BLUFF" MAKES GOOD**

By HOWARD S. COLTHER

WRIGHT'S "Bluff" has proved the case with many folks all sorts of explanations. Social and otherwise, and the machine has been used in many places. The Wrights, "Bluff" and "Orville" always have been very successful in their aviation. The Wrights, "Bluff" and "Orville" always have been very successful in their aviation. The Wrights, "Bluff" and "Orville" always have been very successful in their aviation.

**Palma Notes**

The latest thing in pajamas is the man who gets up last.

Palma are worn mostly between 11 p. m. and 3 a. m. and the neck and the ankles.

The process of making pajamas with short sleeves is called the night-shirt—William Purple Co.

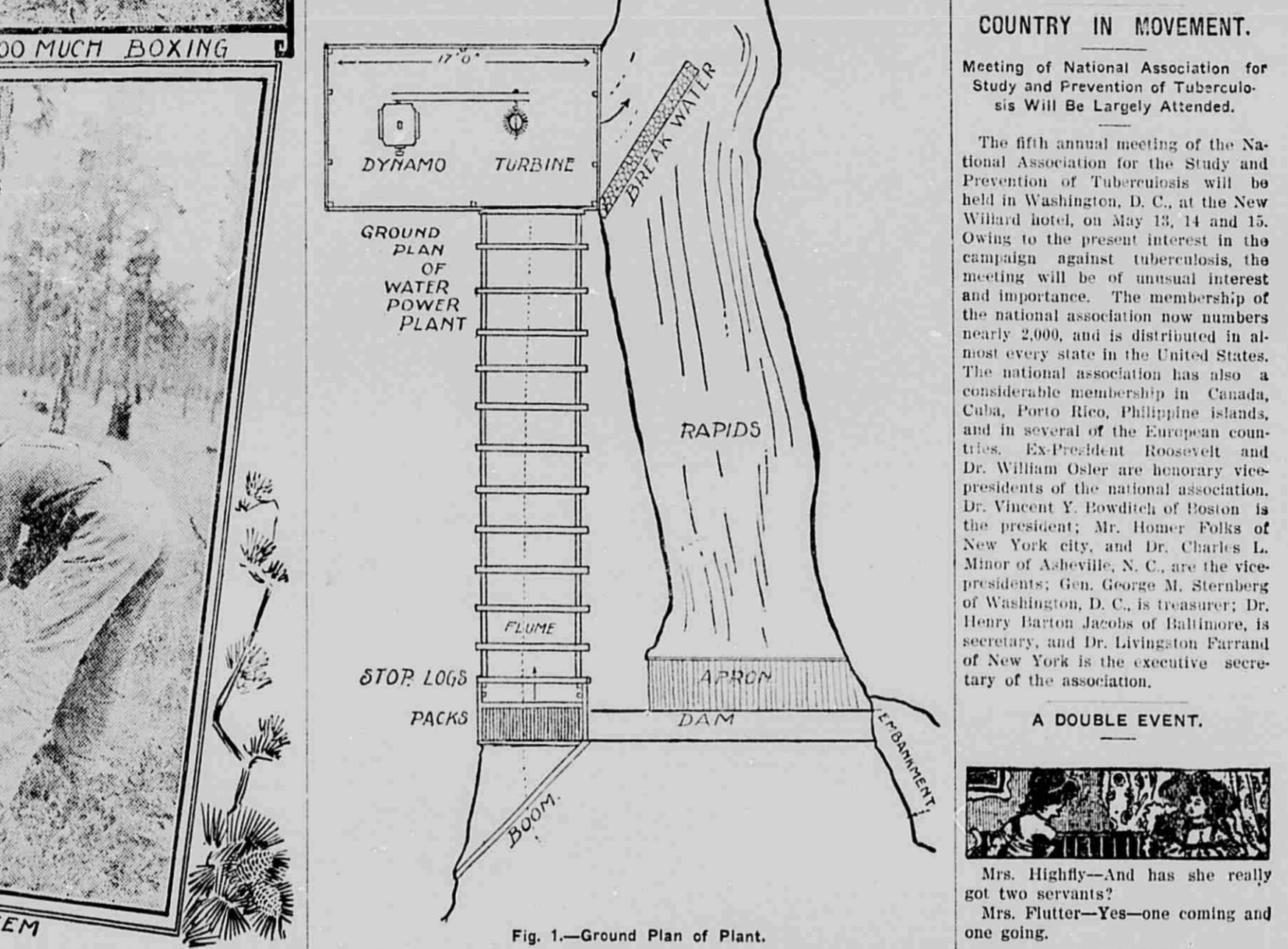
A Masculine Mystery.

One thing a woman can't understand is why a man won't wait for a bargain sale when he wants anything.

## SAVE WASTE WATER BY INSTALLING POWER PLANTS

Millions of Gallons of Water on Farms Can Be Harvested and Power Utilized Plans Showing Plans—By R. M. Winans.

A proper color scheme is extremely important in painting a house. It is the difference between a really attractive home and one in which you wouldn't take a second glance. It is the difference between a really attractive home and one in which you wouldn't take a second glance. It is the difference between a really attractive home and one in which you wouldn't take a second glance.



The fifth annual meeting of the National Association for the Study and Prevention of Tuberculosis will be held in Washington, D. C., on May 14 and 15.

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**Little Fear For Hog Market**

Winter Season Satisfactory Both to Grower and Packager.

Little apprehension is now felt in growing circles as to the winter season for the market. The winter season is satisfactory both to grower and packager.

**High Leaps by Deer**

Gordon Holes, an Englishman who has hunted all over the world, has reported some remarkable leaps taken by deer when pursued. His observations were made in the native district, Exmoor, the end of "Lorna Doone," in India and in northwestern Canada.

## LAXATIVE FOR WOMEN FREE

There is a great difference in the purposes to which a laxative should be put. Tablets and pills, etc., are usually violent purgatives or cathartics, and altogether too powerful for the average person.

A woman at all times needs only a mild laxative. In fact, none other is needed by anyone, except those who are suffering from constipation. If a gentle laxative will do it, what is the use of a violent one?

Dr. Caldwell's Syrup Pepsin has earned a well-deserved vogue among women and children and old folks—people who must necessarily be careful of what they take.

## WHAT COLORS SHALL I USE?

WHAT IS IMPORTANT IN PAINTING A HOUSE OR OTHER BUILDING.

A proper color scheme is extremely important in painting a house. It is the difference between a really attractive home and one in which you wouldn't take a second glance. It is the difference between a really attractive home and one in which you wouldn't take a second glance.

## DODDS' KIDNEY PILLS

Positively Cured By These Little Pills.

They also relieve Backache, Headache, Stomach Trouble, Nervousness, etc.

DoDDS' KIDNEY PILLS are the only pills that will cure all the above ailments. They are the only pills that will cure all the above ailments.

## SICK HEADACHE

Positively Cured By These Little Pills.

They also relieve Backache, Headache, Stomach Trouble, Nervousness, etc.

DoDDS' KIDNEY PILLS are the only pills that will cure all the above ailments. They are the only pills that will cure all the above ailments.

## DR. D. JAYNE'S SANATIVE PILLS

The only effective and reliable remedy known for Gonorrhea, Syphilis, Kidney and Bladder Troubles, Constipation, Rheumatism, etc.

DR. D. JAYNE'S SANATIVE PILLS are the only pills that will cure all the above ailments. They are the only pills that will cure all the above ailments.

## WHAT THE WORLD OWES TO THE METHODISTS

By REV. A. C. BIXON, D. D., Pastor of the Chicago Ave. Church, Chicago, Ill.

The world owes to Methodism a debt of gratitude. It is the only religion that has ever been able to reach the masses of the people. It is the only religion that has ever been able to reach the masses of the people.

## DOCTOR ADVISED PAINKILLER OPERATION

Cured by Lydia E. Pinkham's Vegetable Compound.

Lydia E. Pinkham's Vegetable Compound is the only medicine that will cure all the above ailments. It is the only medicine that will cure all the above ailments.

## WHAT'S YOUR HEALTH WORTH?

What's your health worth? It's worth everything. It's worth everything. It's worth everything.

What's your health worth? It's worth everything. It's worth everything. It's worth everything.

## WIZARD OIL

The Oil That Relieves Pain.

WIZARD OIL is the only oil that will cure all the above ailments. It is the only oil that will cure all the above ailments.

WIZARD OIL is the only oil that will cure all the above ailments. It is the only oil that will cure all the above ailments.

## Your Jeweler Knows a Good Watch

A South Bend Watch

FOR OUT DOOR WORK IN THE WETTEST WEATHER NOTHING EQUALS

## 320 Acres of Land IN WESTERN CANADA WILL MAKE YOU RICH

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# All Ready for the Spring Business

Got a store full of bright new merchandise to tell you about

## Prices That Mean a Saving to You, a Lace Curtain Event.

That's what we name it, that's what it is. It's the one time in the round year when we put our Lace Curtain Stock on a very narrow margin of profit. We don't make much money but we sell more curtains. Arabian Curtains from \$1.00 pr. to \$6.50. White Curtains from 75c pr. to \$6.50. Muslin Curtains at 50c pr. to 75c per pair.

## Spring Jackets, Spring Washable Suits

Latest styles in Jackets, all the new things. Come in and get your size before it's gone. See the new washable Suits, Coats and Skirts, they are just in. They are beauties priced from \$5.00 to \$10.00.

## THOSE SEPARATE SKIRTS

Are creating no end of favorable comment. Just as you'd like them if you bought the material and had them made for you. We save you that cost though. Another new lot of wash goods the sale is great on these, just the thing for Suits, Waists, etc. Indian Fancy Stripes at 15c per yard. Madras Cloth Figured Stripes 15 and 18c. Caletta Cloth 15c. Another shipment of Rugs, Axminster, Brussels, Velvets, Burmah and Wool. Headquarters for carpets from 18 to 70c always in stock. Best Linoleums both Domestic and Foreign.

# E. R. Collar, Lowell.

See Clark's confectionery adv. on first page.  
Lawn fertilizer at Nash's seed store. Seeds that grow. If  
R. B. Boylan spent several days last week in Anderson, Ind.  
Mrs. Frank Braisted and Mrs. Sam Kropf were in Alto Monday.  
O. O. Sorg of Chicago visited his daughter Miss Lena here Tuesday.  
Perrin McQueen entertained the Senior class at his home last evening.  
Mrs. Agnes Wiley and Miss Anna Stoutenberg were in Grand Rapids one day last week.  
Mr. and Mrs. Frank King and daughter Florence were in Grand Rapids Monday.  
Regular \$1.00 size Rexall sarsaparilla tonic only 50c at Look's until May 31st.  
Regular communication Cyclamen chapter O. E. S. No. 94 will be held Friday evening.  
A marriage license was issued Tuesday to Floyd Yeiter of Lowell and Pearl Colby of Bowne.  
Mrs. Evert Post and little son Alton of Clarksville are spending a week with Mrs. Z. M. Gilbert.  
The California Car has a limited number of lucky sea beans which they give away to visitors as souvenirs.  
Many of the souvenirs given away on the California Cars are worth more than they charge for admission.  
Mrs. E. D. McQueen will entertain Division No. 2 of the Congregational church Monday afternoon May 2.  
Always go to the seed store for fresh seeds—seeds that grow and just what they are reputed to be.  
H. Nash.  
Mrs. Ralph Nixon of Grand Ledge spent a few days last week with her parents, Mr. and Mrs. Orton Hill.  
A. L. Peck who is traveling for a Galenburg, Ill., company dropped in on the home folks here Tuesday.  
Mrs. Frances Parks who recently returned from spending the winter in California, is visiting her sister, Mrs. Helen Lee.  
Mrs. F. L. Harker of Cheyenne, Wyo., came Tuesday morning to visit her parents, Mr. and Mrs. Levi Fletcher.  
J. H. Hamilton is in Caledonia on business a few days this week and Mrs. Hamilton is spending the time with friends in Grand Rapids.  
Mrs. Hattie A. Barrett returned to her home at Edmore Tuesday after a visit with her sister Mrs. H. Nash.  
Mrs. Mary Scott and Harry Shuter and Mr. and Mrs. Howard Payne were entertained at the home of Dr. and Mrs. Bralby in Saranac Monday evening.  
Moses A. M. Barnes and P. G. Hoffman will entertain the W. C. T. U. at the home of the latter Friday, April 30. A full attendance is requested.  
Mrs. Geo. Headley entertained sixteen ladies at her home last Thursday afternoon in honor of her cousin Mrs. M. E. Lewis of Muskegon. Cards were played and refreshments served.  
You may laugh at luck and think it funny, but many a man and woman are wearing lucky sea beans as watch charms, which they got as souvenirs on the California cars, and are trying them.  
Sow and pigs for sale. I. J. Todd.

# OUR enthusiasm for the new Spring suits and overcoats which we're now offering, especially made for us and our trade by



for us and our trade by

**Hart Schaffner & Marx** is based almost entirely on the results our customers get from them. It's worth a good deal to us to know that when we sell one of these suits or overcoats we're giving our customer big value for his money and he's going to get the value out of it.

All-wool counts in the wear; so does good tailoring; the correct style is a powerful factor in your satisfaction. We do ourselves good when we do you good; and these clothes do it.

Suits \$18 to \$22.50.  
This store is the home of Hart Schaffner & Marx clothes

## A. L. COONS, Lowell.

The best in candies and fruits at Spagnuolo's old stand.  
Mr. and Mrs. M. E. Hoxie visited relatives in Saranac Sunday.  
Mrs. Harold Weekes entertained the sewing club Tuesday evening.  
That new wall paper is waiting for you at Look's—let him figure with you.  
We both lose money if you don't buy wall paper of Henry the druggist.  
Two inches of heavy snow on the ground on this Thursday morning, April 29.  
Mrs. U. B. Robertson and son John of Ravenna spent Sunday with Mrs. J. Hewitt.  
Reception to new members and advisory election at the Methodist church this evening.  
Miss Ida Cogswell of Grand Rapids spent Sunday with her parents; Mr. and Mrs. M. S. Cogswell.  
Mrs. R. D. Bergin of St. Johns visited Mrs. R. W. Stone and Mrs. J. Walsh several days this week.  
Mrs. C. M. Bradley and Mr. M. Rathbun of Ionia are visiting Mrs. J. Bowett the latter part of the week.  
Mrs. Nellie Beadle was called to Thompsonville last Saturday by the illness of her sister-in-law Mrs. Delos Helmer.  
Have you that liquid listless, what's-the-use feeling—Rexall sarsaparilla tonic will cure you—\$1.00 bottle only 50c at Look's until May 31st.  
Mrs. Ethel Chappel fell and injured her knee when starting for school yesterday morning and has gone to her home in Owosso for a few days.  
Farmers, take a day off and bring your families to see the finest fruits and biggest fish ever, and learn yourself what irrigation will do for a country.  
The California Cars to be here May 12, 13 and 14, are well recommended to us and all say there is more to see for 15 cents than at many higher priced shows.  
Millions of people have passed through the Stanislaus County exhibit cars in the time they have been out, and thinking people are always pleased.  
Rev. Russell H. Brady returned Tuesday evening from a ten days visit with his parents at Cadillac. He gained two pounds two pounds while away and thinks if he does as well on his Western trip he will be as fat as The Lumber man on his return.  
The regular monthly business meeting of the Methodist Brotherhood will be held Thursday evening, May 6, after the supper instead of Friday evening. A full report of the supper will be given, reception of members and arrangements for the Brotherhood picnic, June 4th will be made. Every member come.  
A surprise party was given Don Parker, Bruce Stocking and Ralph Chase in honor of their birthdays at the home of Don Parker Tuesday evening by twenty-two of their young girl and boy friends. Many games were played after which refreshments were served. On their departure the guests presented each of the boys with a beautiful gold tie pin.

**CONGREGATIONAL**  
Sunday morning subject: Eight Conditions of Happiness. In a day when people are so anxious to be happy it will pay us to note the conditions of happiness as outlined in this sermon.  
Mr. Hildreth will sing by request "The Heavenly Chord."  
Evening subject: "Who or What is the Holy Spirit?" This question was lately asked the Pastor. The answer will mean more to most people than they imagine. Do not miss this sermon. The Young People's Choral class will have charge of the music under the direction of E. N. Hildreth, who has our young people in training from this on.  
**METHODIST CHURCH.**  
Sunday services May 2, 10:30 a. m. public worship and sermon. Special music both morning and evening.  
11:45 a. m. Sunday school. 7:30 p. m. Evening service. Services at the Balby church at 2:30, p. m.  
Thursday evening April 29, annual church meeting and reception for new members of the church. Rev. Russell H. Brady the pastor returned home Tuesday evening from Cadillac.  
He has an important message to present to the church at this meeting.  
The regular monthly meeting of the official board will be held Thursday night after the church meeting.  
**Clean Up!**  
May 4 and 5 for the east side and May 6 and 7 for the west side are "clean-up" days. Bring out all of your rubbish and deposit at the side of the street or before the above dates and the village teams will haul it away, but if you place any rubbish in the streets after May 5 on the east side or May 7 on the west side you will have to remove it at your own expense.  
By order of the Common Council. Lowell, Mich., Apr. 28, 1909.  
**T. A. MURPHY, Clerk.**  
**Bargains in Buggies.**  
Three-seated buggy nearly new.  
New rubber tire driving wagon.  
Second hand top buggy.  
Slide spring Concord nearly new with shafts and pole.  
Second hand cushion tire top buggy as good as new.  
Inquire of **DR. TOWSLEY.**

Paint—a special kind for every purpose. Tell your paint wren to Henry, the druggist.  
**West Lowell News.**  
Rev. E. P. Knight will be unable to preach at West Lowell Sunday next, owing to his absence from town over that date. If at liberty to fill the appointment at any time later, announcement will be made accordingly.  
**Housekeeper Wanted.**  
Widow or middle-aged woman. R. R. 49, Lowell Geo. Lucas, 49.  
**House and Lot for Sale.**  
On River street, near Central school, 7 rooms, stone foundation, well, cistern, with filter, cellar wood shed, all in good repair, garden, some fruit, cement sidewalks, and immediate possession only \$600. Apply to Mrs. Beadle on premises. 45  
**For Sale at a Bargain**  
Brass trimmed double light driving harness nearly new. Inquire of Dr. Towsley.

## Heard About Town

See Clark's confectionery adv. on first page.  
Miss Winnie White was home over Sunday.  
Choice reclaimed clover seed, McCarly Bros. If  
Mrs. G. A. Peckham was in Grand Rapids Monday.  
The street and alley cleaning is being done this week.  
M. B. Conklin spent several days last week at Hersey.  
J. S. Lincoln of Chicago spent Sunday with Earl Caddwell.  
Dr. and Mrs. Smith visited the latter's mother in Saranac Sunday.  
Louis Slowinski of Ionia visited his sister Mrs. Harry Pettit Friday.  
Chas. McGrath visited in Grand Rapids a few days last week.  
Chas. Doyle and Miss Minnie Mook visited friends in Grattan Sunday.  
Remember Clark's confectionery soda fountain opening Saturday.  
Miss Lena Murphy who is working in St. Joseph was the guest of her parents over Sunday.  
Mrs. Chas. Blakeslee of Grand Rapids has been visiting her sister Mrs. R. W. Swayze a few weeks.  
Rev. A. T. Carland was joined here last Wednesday by his wife and children, and they are settled in the Atkins house.  
Last of unclaimed letters in post office at Lowell for: Mr. Clayton, Ed. Tate—2 Miss Bent E. Hawkins, Mrs. Jennie Hunter, Mrs. Minnie Monroe, Hattie B. Norton, Miss Hazel Powers.  
Mrs. John Wright has returned from St. Johns where she was detained through illness for two weeks at the home of her cousin, Mrs. A. B. Preston. A cousin, Mrs. E. B. Brooks accompanied her home.  
Mrs. W. S. Godfrey came from Hastings Friday to visit friends and attend the Eastern Star meeting. She was joined Sunday by Mr. Godfrey, daughter Marion and mother, Mrs. Sarah Hakes and they all drove home Sunday afternoon.  
Geo. A. Potts, formerly editor of the Saranac Local, now a Chippewa county resident, called on his foster brother S. P. Hicks Saturday and shook hands with other old friends about town. Mr. Potts "holds his own" well.

**H. W. HAKES**  
Licensed Embalmer and Funeral Director  
Telephone Calls Given Prompt Attention.  
CITIZENS PHONES: OFFICE 22 HOME 150  
Lowell, Michigan

**THAT'S AN EXPENSIVE WATCH**  
no matter how little it cost you, if it doesn't tell you the right time.  
That kind of a watch would be dear if you got it for nothing.  
A handsome case is desirable—but an accurate inside mechanism is absolutely INDISPENSABLE.  
If you like we may put one of special movements in an Ore. silver case, and you will have an excellent timepiece.  
What we wish to point out is that the work is the watch, the case is the adornment.  
And another thing we wish to point out is that if there ever was a jewelry store that was prepared to please you in watches, this is the place—and we include our guarantee for your protection.  
Call in and hear our arguments.

**William's THE JEWELER.**

A car of fresh line just received McCarly Bros. If Fruits and candies fresh and best at Spagnuolo's 45



This model of Michael's Stern designing is a Spring overcoat with a truly swagger atmosphere. It carries with it the tasteful and snappy smartness of Fifth Avenue, and at the same time it will wear like leather because the fabric is closely woven and stout beyond compare.  
We have a generous assortment of Spring overcoats and rain coats, ranging in price from \$10 to \$18, and we can assuredly fit you both as to person and to purse.  
Come in and have a friendly clothing chat, whether you want to buy or not.  
**Lalley & Anderson.**

## New Belts, Hand Bags, Combs, Barrettes, Linen Collars, Embroidered Collars, Dutch Collars, etc.

### New Belts

Leather Belts, Gilt Belts, Elastic Belts, in Black, Navy, Tan, Brown, Grey, Green, etc. All the New Style Buckles, all priced, at 25c and 50c.

### New Hand Bags

New Hand Bags, New Leathers, New Shapes, in Black and Colors, 25c, 50c, 75c, up to \$4.00.

### New Combs and Barrettes

Plain and Fancy back combs in Amber and Shell Colors, 15c, 25c, 50c, 75c, \$1. Barrettes, 12 new styles, all entirely different 15c and 25c.

### New Collars

Laundried Linen Collars 25c, New Dutch Collars 25 and 50c, Jabots 15c, 25c and 50c, Net Collars embroidered in silver 75c. Chiffon and Velvet Ruffs, 75c, Silk Battenburg collars 75c.

**An Extra Special Display of These New Novelties, Thursday, Friday & Saturday this week.**

## J. HOWARD PAYNE

Successor to M. Ruben, Lowell, Mich.

See those \$5 skirts 12 new styles in 7 colors & black.