

TALKING BOOKS and MAGAZINES

with Moving Pictures and may be NEXT



Only a Few Years Back

The Coming Books and Magazines May Look Like This—or a Circular Recording Combined with Movie Film.



What would grandpa have thought had the books started talking?



Our present home Phonograph Recordings are pages of books.



With perfected Radio and Television, Theatrical Talent will speak and act our books

Impossible Gives Way in This Wonder Age Of Miracles

By HARRY E. GATES.

Mechanically, this is the wonder age. The same can be said commercially. Yet with all of our inventions and new discoveries, with all of our commercial progress we are only on the borderland of still greater scientific and mechanical miracles.

A mechanical age is not possible without the commercial. Genius turns its thinking into the channels of demand. Genius developed the phonograph from a scraping, squawking noise, made by a recording upon tin foil to the electric machine that brings the program of the world's talent into the ordinary homes of civilization. Commercial demand makes it possible.

But the entrance of radio into this competitive field caused genius, radio, neglecting the phonograph. In the main, to expend its grey matter upon the development of the

phonograph. The dictaphone was developed, amplifying, used in radio, was adapted to the phonograph and the phonograph came back in the home, a recording machine combined with the radio. Radio, will always be popular, so we thought of the phonograph. They are both here to stay, but are in their infancy. Not imperfection, but infancy. We wonder at the renditions of both.

Recording Phonograph. People like to be heard. That is why the neighbor objects to the piano next door. He cannot play it. Give him a saxophone to blow and he will be over alongside of the next door piano. For the same reason, the seat warmers in church who are given nothing to do, are of listening and eventually drop out. With the recording phonograph the listener can be the performer. Keep on improving his toy and he will keep his interest.

Among the new possibilities developing for the recording phonograph are talking books and magazines, with an amateur talent able to make their own.

Eventually our books will both act and speak. Talking Records. All that is needed to make talking books possible is a long recording and talking record. The talking movie has produced that.

Dr. C. H. Howlett, engineer of the General Electric company is responsible for a talking film, good for two hours of talking, and it could be made longer if there is need for it. A talking film carries a complete play—the length of the average book.

But this film is from another field of operation, and its operating principle altogether different from that of a phonograph record. The film is made in a continuous tape. As it passes through the machine, in recording, a microphone reception causes the needle to scratch a jagged line on the film. Through this scratched line light passes, electrically reproducing the sound. This principle could be used in the phonograph and maybe comparative costs will determine which process will be utilized in the making of talking books.

Dr. Howlett's 400 foot film is so small that it can be carried in the pocket. Its cost would not be much in mass production. The two dollar talking book is a possibility. How about the five and ten cent magazine? The film must approach paper cost to make it possible. Experiments with some of our transparent wrappers might produce a cheaper film. The film process must compete with the present phonographic recording process which could use paper coated with a hard, flexible wax or varnish for its recording.

Another Method. Dr. Stille, a German scientist, has developed a process of recording which may revolutionize the phonograph industry. In a steel wire, no thicker than the ordinary white twine string is stored the recording by a magnetic wave process. If this

process is used for the making of recording books and magazines, your book or magazine would look like a small spool of wire. This process may also take the place of the film in the talking-movie. It would, perhaps, be the cheaper and better.

For the recordings stored in this wire never wear out, change used as often as desired and can be changed without the cutting and splicing necessary with the film. There is little danger of the wire breaking as the film often does. No fire danger, etc. Then again, the wire is easily reusable for a new recording. By simply changing the voltage used the wire is cleared of the old recording and ready for a new one.

Stille Process. The operator talks into a microphone and the steel records it. This recording is permanent. Years from now that steel wire will repeat your program. And it is released at any desired speed. This process is not in the experimental stage. It should have a half hour message for a friend over long distance telephone, you should be charged for only five minutes. The steel records your message at your rate of speaking. It is released at close to a thousand words per minute. The receiving device at the other end listens to it as slowly as he chooses. The sending time on an hour message is only ten minutes.

By this method, applied to mass production, hundreds of thousands of wires can take the same program at identically the same time, and in your magazine or book—just a small piece of wire is mailed to you. You place it in your mnemophone—not phonograph—and listen delightedly to talented artists delivering your favorite story.

And you can have your own recorded wires in your own record-

ing mnemophone, for your own home talent.

Yes, there will be advertising in the talking-movie magazines. Some of it may be disappointing, of course. For example, just when the hero is about to kiss the heroine, she may thrust him aside in horror, exclaiming: "Brush your teeth, twice daily, before trying to kiss me." Or just when you expect the life guard to rush to the drowning flapper's rescue, instead he may throw her a cake of soap, shouting the words, "It floats."

Radio Television. Radio television may do all that we see in the possibilities for the scientific methods just described; but by which ever route they come, one thing is certain, they will come as the outlook forecasts. Wait. But while you wait, enjoy your present model phonograph and radio, for television and these coming wonders may be long in making their appearance. Television is an accomplished achievement. The hindrance is the cost and may be for years to come.

As for the mnemophone, production has been confined to its adaptation to telephonic uses. No known effort to produce machines for the homes has been announced.

Pocket Mnemophone. Just as the bewitching maiden now produces her compact and gives a dab at her nose with the powder puff, tomorrow she may take another kind of compact out, open the lid and both see and listen. Her boy friend may even be reached for a conversation and they may smile or look longingly at each other in the respective lids of this new kind of compact. Why not? It is but one more step forward.

With the phonograph, mnemophone radio eliminate the stenographer? Ultimately, yes. The unbreakable records can be shipped or the communication sent by wireless. If the Stille method becomes popular, film in cabinet would contain recorded pieces of wire. Our li-

braries could be condensed into smaller space with no danger of contagious diseases lurking in the pages of old books.

Use of Discoveries. Just recently, in Schenectady, N. Y., a board of directors met. The lights went out and a television screen lit up. The chairman of the screen, called the meeting to order and addressed the board, smiling and gesturing just as though he stood before them in person. He was three miles away.

Then a radio television play was performed in a Schenectady theatre. Television is ready for the stage with perfect performance reproduction including voice or sounds. But this is not all. Those who can afford the price will and are having it placed in the home. Next comes the reduction of cost. Then what will we see in transformation of business methods? The larger firms will begin the installation of radio television, of course. Chicago will be in New York and New York in Chicago carrying on conferences. With both sending and receiving sets installed. The New York broker and the Chicago broker will simultaneously say "good morning" bowing and smiling at each other. Whole boards will meet with part in San Francisco, part in Chicago and part in New York. A San Francisco member asks the chairman seated in New York for the floor. With a smile next the chairman acquiesces, and thus the meeting will be conducted. The meeting adjourned, with a snap of the switch, each member is back home. Now take the industrial plant. With television installed the workmen will be under constant observation. The superintendent can take a television trip through any part of the plant without the knowledge of employees.

There will be no loafers fooling bosses then. Each man will get credit for what he does. Television

pictures may be made continuously of every department. When an accident occurs the film will be admitted as evidence in court to show just how it happened. Or the employment department can use the films to determine what men to retain on the payroll.

Television Combined. The Chicago police department gets the New York police department on the television screen. "Let us see your prisoners this morning?" asks the chief of Chicago police. Slowly each cell in the New York police department appears on the Chicago screen. "That's him! That's him!" eagerly exclaims a witness in the Chicago station.

"Bring prisoner number nine out and let me question him," asks the Chicago police. The mnemophone or recording phonograph sets questions and answers down as evidence while the television camera makes a film of the prisoner answering. In like manner business will file records of interviews instead of filing letters. And when the installation has reached homes, none of our friends or relatives will be far off. We can visit the home of a distant relative or friend, see and talk with them while they see and talk with us in our home and treat we are both back home at will.

These are not wild dreams. These are accomplishments already achieved waiting only for cost reduction or mass demand for their use. Now for the Speculative. After this is developed further will the next step be ability to see everywhere, anywhere and also to listen in? If so, there would be no privacy. That which is done in secret would be declared from the housetop. You say "impossible." They say "impossible," when flying was mentioned. They said "impossible" with the X-ray and the radio. What will the next twenty years bring forth?

COUNTY BRIEFS

CLIMAX

CLIMAX, Ore., June 24.—(Spl.)—A horse belonging to Vera Kershaw was bitten by a rattlesnake recently and died. Mrs. K. H. Compton and sons, Carl and Joe, arrived last week from East St. Louis to spend the summer on their homestead. N. P. Hanson and Mabel Wertz spent Saturday in Medford and Ashland. Mr. and Mrs. N. N. Charley motored to Medford Friday. Milroy Charley has returned from Brownboro where he has been working for Chas. W. Bros. Mr. and Mrs. Frank Hurst and friends from Medford were picnicking at Climax Sunday. A. J. Grimes and L. H. Wertz went to Eagle Point Sunday. The annual school meeting was held June 18. N. P. Hanson was elected director and Mrs. Mabel Wertz clerk. L. H. Wertz delivered some dressed hogs in Medford Monday. Farmers were well pleased with the recent heavy rain. Damage to hay crops was slight compared to the benefit received by other crops. Owen Austin and N. P. Hanson attended a party at the Harvey Morgan home at Persat Saturday night. Bacteriologists have found that honey is antiseptic and will kill many germs of human diseases.

CENTRAL POINT

CENTRAL POINT, Ore., June 24.—(Spl.)—Mrs. Eudora Lewis of Portland has been spending a few days with her grandmother, Mrs. Mattie Parker. Mrs. Marie Putman and children of Salem, who have been visiting at the H. P. Jewett home left Friday for Beskeley to spend the next six weeks. Delmar Smith, Bert Caster and Oliver Obenchain spent Thursday and Friday at Diamond Lake. Mr. and Mrs. Wilson Grubb and little son of Los Angeles arrived Sunday for a visit with Mrs. Grubb's parents, Mr. and Mrs. J. Gladden. Missionary circle of the Christian church will meet Friday afternoon at the home of Mrs. Edward James. Mrs. Bert Hedgcock will give a book review at this meeting. Mrs. Clarkson of Portland called on friends here Friday en route to Klamath Falls. Mr. and Mrs. Ed Hagen and children and Mrs. Law of Medford spent Sunday as guests of Mr. and Mrs. C. W. Davis. Herman Clark of Salem was a caller at the H. P. Jewett home last week. Miss Lucille Abbott, who underwent an operation for appendicitis at the Sacred Heart hospital in Medford Thursday, is making splendid recovery. Miss Abbott makes her home with Mrs. Lottie Gregory here and teaches at the Lincoln school in Medford. Mrs. Eda J. Richardson, who is visiting her niece in Redding, Cal., is to arrive soon at the home of her son, Jesse Richardson, for an extended visit. Mrs. L. C. Grimes and son, Oliver, returned Friday from Wichita, Kas., where they spent the past six weeks visiting relatives. A. T. Lathrop and son John made a business trip Saturday to Williams Creek. Miss Frances Faber returned Saturday from Corvallis. Dorothy Smith, Eunice Stagger, Katherine Lathrop, Dorothy Jones, Delbert Miller and Harold Smith returned the same day by auto. The young

EAGLE POINT

EAGLE POINT, Ore., June 24.—(Special.)—Mr. and Mrs. S. K. Barnes and daughter Frances, and E. B. Shaw left June 20 for Scotts Valley, California, where Mr. Shaw will visit his childhood home. During their absence Mrs. W. A. Cook of Ashland and George Dossier are taking care of the ranch. Mr. and Mrs. F. S. Brewer of the Skitkoy Fox farm south of Ashland called on Mr. and Mrs. B. A. Clark, June 22. The card party held at the Grange hall, June 20, was enjoyed by a number of Grangers. First prizes were won by Mrs. B. A. Clark and William Perry. Refreshments were served by the home economics committee. Among those attending the dance at Central Point, June 20, were: Mr. and Mrs. Harry Ward and daughter Enid, Gerald Ward, Mr. and Mrs. Paul Force, A. Greb, Alice Whaley, Mr. and Mrs. Jaack Stowell and daughter June, Mr. and Mrs. William Holman and daughter Grace, Eleanor Throckmorton, Mrs. John Smith and daughter Hazel, Mr. and Mrs. E. Stowell, Leland Pettigrew, Jim Worthington, Mr. and Mrs. Harold Van Scoy. Mr. and Mrs. Brock of Medford were dinner guests of Mr. and Mrs. Paul Force June 20, and attended the dance at Central Point with them. Lawrence Winslow visited Everett Faber in Central Point June 21. Freda Chambers left June 21 for her home in Ashland, where she will be employed at the Convalescent hospital. First appearance of the Seven Harmonians, an orchestra composed of Medford musicians, was made in Eagle Point at the Saturday night dance. They will play again on the night of June 27. Hard times everywhere are meeting people so that the British have reduced their bayonet-length from twenty to nine inches.—Rochester Times-Union.

Radio Program KMED (Mail Tribune-Virgin Station)

- Wednesday
- 5 to 6—Prosperigraphs, presented by Medford Chamber of Commerce, Uncle Jerry, News and markets by Mail Tribune.
- 6 to 7—Mutual Mill; Where to Go; Insurance Bureau.
- 7 to 8—Happiness Train; Jackson Co. Bldg. and Loan.
- 8 to 9—KMED presentation.
- Thursday
- 7:55 to 8—Breakfast broadcast of news by Mail Tribune.
- 8 to 9—Treasure Box; Pan Dandy; Gold Seal.
- 9 to 10—Friendship circle; Mann's Dept. store; Procter and Gamble.
- 10—Weather forecast.
- 10 to 11—KMED presentation.
- 11 to 12—Jordan Electric of Ashland.
- P. M.
- 12 to 1—Ward and Co.; Health's Drug Store; Ivy St. Meat Market; Fisher Flour.
- 1 to 2—Fisher Flour; Peoples Electric; Jackson Co. Bldg. and Loan; Scientific Laboratories.
- 2 to 3—KMED presentation.
- 3 to 4—World Bookman.
- 4:30 to 5—KMED presentation.
- 5 to 6—Western Auto Supply; News and markets by Mail Tribune.
- 6 to 7—Pillsbury Flour; Where to Go; Office Box; Porter Lumber.
- 7 to 8—Happiness Train; KMED presentation.
- 8 to 9—KMED presentation.

CAVE ATTENDANCE SHOWING BOOM IN CURRENT SEASON

That the Oregon Caves—the "Marble Halls of Oregon"—are growing in popularity with the tourists, as well as with local people, is evidenced by the increased attendance. The caves opened May 15th and will close October 15th. Up to last Sunday, when over 250 people visited the caves, the attendance totaled over 1000 more than for the same period last year. George Sabin, and his capable corps of assistants, take unusual pains to make everyone's visit a pleasant one, the accommodations are first class, the roads are in splendid condition, the scenery thru the deep forests of fir and the climate is wonderful, the climate at the caves is delightful and the programs put on around the huge camp fire all combine to make visitors to the caves want to return again. The electric flood lighting system throughout the caves, the 900-foot exit tunnel put in by the government last year, and the other improvements made by the company who operate the caves add to the beauty and pleasure of that scenic attraction. The dining room, kitchen, kiddy gave, the office and in fact every department of the caves are in charge of students from six different colleges in Oregon and California, and the guides are all college young men. The cottages are very comfortable, have hot and cold water, electric lights and heat and private bath, while the tent houses are very "comfy." One of the greatest attractions at the caves is the program of vocal and instrumental music and readings put on every night around a huge camp fire by the students from O. S. C., U. of O., Stanford, Berkeley, and Albany colleges and the State Normal at Ashland. Those registering at the caves recently from Jackson county are: Medford: Wiley Pharis, Carl E. Grant and party, Inga Foster, M. C. Walker, Mrs. Grover Tyler,

JUNIOR TEAMS OF MARION ALL USED PLAYERS TOO OLD

SALEM, June 21.—(Sp.)—Salem, winner of the Marion county junior league baseball series, was authorized by Dr. W. A. Simmons, chairman of the Legion contests, to represent the county in the district games. This order was made last night following the disqualification of all four teams in the county because of use of ineligible players. Simmons on investigation of complaints learned that Albert Silverton, Woodburn and Stayton had all used players over the 16-year old age limit, but had done so innocently. Woodburn was selected yesterday as the only team which had stayed within the rules, but Woodburn's manager announced the discovery of a 17-year old

player on his team. This disqualified all until the order from the of Leonard Vivette, star infielder for the Salem team, resignation by games played and won, the lineup in future games.



Stomach Bother?

If you have to be careful of what you eat and drink, and suffer from gas, heartburn, bloating, sour stomach and dyspepsia, who not make the Dietex 15 minute test? Harmless yet works with great speed. One of the ingredients has the amazing power to digest 3,000 times its own weight. Don't give up. Get Dietex at any drug store. Put it to the test. Money back if you don't feel like new and free from stomach distress. Only 50c. For sale at JALMIN & WOODS DRUG STORE.

Have You Seen This Boy?