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NUMBER 38

Lois McIntyre of Athena Attends Queen Mary

Of outstanding interest to Athena people will be the appearance of Miss Lois McIntyre as one of the attendants to Queen Mary at the Round-Up this week.

Miss McIntyre is the daughter of Mr. and Mrs. Alec McIntyre, and has lived on her father's ranch and in Athena, until she entered Washington State College at Pullman in 1926. Last year she attended the state university at Eugene where she is a Junior.

Miss McIntyre has a pleasing personality, is most attractive and is an excellent horse woman. Her many friends are proud to have her represent their community at the annual Western Classic at Pendleton this year.

Home Team Mixes With Pilot Rock Warriors

This afternoon will see the local high school football team mix it with the Pilot Rock Hi team. This game promises to be very interesting.

Coach Miller of Athena has been having about enough players for two teams out for practice every night. Although a number of the players are green they will be given a chance to show their playing ability. There will be 8 lettermen ready to enter the game and 11 reserves to substitute in their places.

Mr. Miller's style of football is baffling, and with a good line and backs they should rate in the county as one of the best teams.

Aviator Is Athena Guest

Captain Eagle who has charge of Pearson field at Vancouver Barracks is a house guest at the home of Mr. and Mrs. Kershaw during the Round-Up. Captain Eagle will manoeuvre and perform stunts over the arena during the Round-Up and plans to fly here after the performance each day. Other guests at the Kershaw home are Marge Bacon and Miss Leota Coates who motored here from Portland Tuesday and Miss Frederika Kershaw who is now making her home in Portland and is broadcasting from station KEX and is announced as the "Pianist with expression."

Bridge Party
Varicolored fall flowers decked the rooms at the home of Mrs. C. M. Eager last Friday afternoon when she entertained the Athena Bridge Club. This was the first meeting of the season and the usual three tables were in play, guests of the club being Mrs. Marion Hansell and Mrs. Bert Logsdon. Mrs. H. I. Watts held high score and Mrs. B. B. Richards received the consolation. Mrs. Logsdon was presented with the guest prize. After the play the hostess served dainty refreshments.

Serious Accident
A serious accident occurred Sunday afternoon at Weston when a truck backed unexpectedly onto the highway, smashing into a car driven by Jim Killgore. Mr. Killgore attempted to turn out but two tires were torn from the wheels upsetting the car. Mrs. Payant and Miss Florence Ross were badly bruised and suffered from shock while Mr. Killgore's collar bone was broken and he did not gain consciousness until Tuesday. Blame for the accident has not been determined.

Stanfield Editor Visits
T. K. Lessard of Stanfield, editor of the West Umatilla News called at the Press office Wednesday. Mr. Lessard declares Stanfield is on the up-grade in view of the government expenditure of \$640,000 on the irrigation project in the vicinity. One thousand acres of land has been sold since the middle of July in tracts of 10 and 15 acres which denotes quite an influx of new families. Mr. Lessard also operates the Mutual Creamery at Stanfield and says it is quite a center for dairy products.

Prominent Author Is Visitor
Sam Thompson accompanied by Phillip Rollins, prominent author of New York visited Athena friends Monday. Mr. Rollins came West to attend the Round-Up which he has attended in former years and of which he has written a number of notable articles. One of the worst bucking horses is named for Mr. Rollins.

Miss Bretherton Visits
Miss Vivian Bretherton of Portland visited friends in Athena, Tuesday. Miss Bretherton is feature writer for the Portland Oregonian and is interviewing the movie people on location here. She will cover the Round-Up for the American Magazine, her article to appear in that publication in the near future.

Picture Coming To Standard
"Down the River of No Return," a moving picture, will be screened at the Standard Theatre, starting Wednesday, September 26. This is a picture which every lover of nature should see.

High School Notes

Junior News Staff
Editor..... Carl Calvert
Faculty and Alumni..... George Gross
Student Body..... Eldon Myrick
Classes..... Cecil Pambrun
Subject Classes..... Loie Montgomery
Boy's Athletics..... John Kirk
Entertainment..... Virgie Moore
1st and 2nd Grades..... Frances Cannon
3rd and 4th Grades..... Helen Foster
5th and 6th Grades..... Beatrice Hiteman
7th and 8th Grades..... Harold Kirk
Personals..... Thelma Schrimpf
Advisor..... Miss Mildred Bateman

For the past two weeks Ethel Pittman and Dorothy Geissel, graduates of 1928, have been cataloging the library books and checking up on those which have been lost. They have also mimeographed copies of the high school constitution and high school yells.

The freshmen boys who were not on the football team were herded together after school Tuesday to lay off, clean off, and lime the football field. A board in the hands of a senior was a wonderful inducement to speedy work. The work, miraculously, was well done, and the field is in fine shape for Friday's game.

Faculty
Mr. Frederick and Mr. Miller spent Saturday hunting deer. They returned with the usual hunter's luck.

Mr. and Mrs. Lee A. Meyer entertained Mr. Meyer's brother last week. Miss Bateman was a visitor in Pendleton Saturday.

Mrs. Rominger spent Saturday in Freewater. Miss Thorsen visited with her parents in Standfield Saturday and Sunday.

Mrs. C. T. Woodard, from Marshfield, who spent last week with Miss Della L. Bryant, took the train from Pendleton for Oklahoma Saturday evening.

Football
The outlook for Athena high school for this year in football is much brighter than it has been for many years. Coach "Pike" Miller has rosy dreams of winning all our games. Let's hope he is right. The boys have been showing keen interest in the game and most of the eligible boys are turning out. The following boys are out every night for practice: Emory Rogers, Cecil Pambrun, Wilford Miller, John Kirk, Harold Kirk, Eldon Myrick, Ralph McEwen, Edwin McEwen, George Gross, Lee Foster, Oral Michener, Stafford Hansell, Jack Dow, Jack Moore, Arthur Crowley, Lawrence Corliss, Wayne Pinkerton, Wayne Pittman, Roland Wilson and James Wilson.

No one has any certain position on the team as yet, for Mr. Miller has said that each boy must work for his position, and the boys are certainly doing it. The following football schedule has been arranged by Superintendent Meyer and Coach Miller:
Friday, Sept. 21, Pilot Rock at Athena.
Friday, Sept. 28, Walla Walla at Athena.
Saturday, Oct. 13, Walla Walla at Walla Walla (10 a. m.)
Friday, Oct. 19, Weston at Athena.
Saturday, Oct. 27, Pilot Rock at Pilot Rock.
Friday, Nov. 2, Waitsburg at Athena.
Saturday, Nov. 10, Hermiston at Athena.
Friday, Nov. 16, Weston at Weston.

This schedule gives us an opportunity to have some snappy games this year.

Order of the "A" Meeting
George Gross was elected president of the Order of the "A" at the meeting held Wednesday, September 12, in room 5. Wilford Miller was elected vice-president, and Frances Cannon, secretary-treasurer. When the meeting was called to order by Alberta Charlton, last year's vice-president, every student who had won an "A" in any sport or other form was present. Competition for the different offices was keen. Students who have come here from other schools or those who have never won an "A" will all have chances this year to win one or more letters and cover themselves with glory.

Student Body
The first student body meeting of the year was held Wednesday, September 5, for the purpose of giving the treasurer's report and announcement of student body fees. The student body fund was found to be in debt twenty one dollars and seventy five cents.

An Executive Council meeting was held Tuesday, September 11. It was decided not to fix the tennis courts until spring. The treasurer was authorized to pay the outstanding debts. The presidents of the three upper classes were authorized to administer questions on the student body constitution to the freshmen. Weldon Bell was elected football

New Type of Magnetic Probe A Valuable Aid to Physicians

Scientists Have Developed a Small Permanent Magnet of Unusual Strength for Use of Practitioners



The Magnetic Probe Pulls Out a Steel Sliver



A Magnetic Probe Several Times as Strong as the Best Permanent Magnets Heretofore Available.



One of the First Electro-Magnets for Removing Iron Particles From the Eye-1900

By J. O. PERRINE

THE humanitarian spirit of the telephone's inventor, Alexander Graham Bell, which marked his lifelong activity in behalf of those with lost or impaired hearing, has frequently been reflected in many of the auxiliary products of telephone development. From the research of the Bell System scientific laboratories and co-operating medical experts have come the electrical stethoscope, the artificial larynx, the audiometer and aids to the deaf. Now comes another humanitarian instrument—the magnetic probe. It has nothing to do with telephony, as such, but is a by-product of developments in the manufacture of telephone apparatus. It is a beneficent instrument, made available to physicians for the removal of steel slivers from the skin or the eye without the necessity of surgery.

Magnets Everywhere

Magnetic instruments play many and conspicuous roles in everyday life. Perhaps the oldest magnetic instrument is the compass needle of the navigator. For many centuries compasses have pointed the direction for the helmsman as he guides his vessel to the far corners of the earth over the seven seas. The inductor compass, more recently developed, was used by Lindbergh on his heroic flight across the Atlantic. Like the compass needle, it also depends on the earth's magnetism, although in a different manner. The telegraph sounder is another magnetic instrument, as is the telephone receiver. A magnet in some form or another is an indispensable part of electric bells, induction coils, magnetos for automobile ignition and countless other appliances used daily. Strong electromagnets are an essential part of the great generators of electricity which light our homes and drive street cars and trains. Great masses of iron are lifted by electromagnets of special design in the iron and steel mills of the country. Sometimes magnets of similar design are mounted on the rear of auto trucks and supported close to the surface of the road. As they pass slowly along the motor highway, nails and all sorts of sharp-cornered pieces of iron fly to the tight embrace of the magnet. With the road thus swept with a magnetic broom, the distressing experience of a puncture is less likely to delay the motorist on his week-end trip.

Physicians' Use of Magnets

For sometime a similar sort of magnet, namely the electromagnet, has aided the physician in removing iron or steel particles embedded in the skin or muscular tissue, or in the eye. Just as nails on the highway are lifted up and even pulled out of the asphalt of the public highway, so the tiny steel slivers slowly but surely are pulled out of the hand or the eye-ball. The strange and ever marvelous force exerted by the magnet extracts a tiny piece of iron with deft and invisible fingers.

Heretofore, permanent magnets, that is, a bar of iron alone, could not be made strong enough to do the trick. Ordinary horseshoe magnets and bar magnets, of course, pick up iron, but for the purposes of the physician they did not exert sufficient pull. So the electromagnet had to be used; that is, a bar of iron was put inside a coil of wire connected to an electric battery. By increasing the electric current the pull could be made stronger and stronger. These electromagnets were big and heavy and awkward to handle. Necessarily, the patient had to be brought to the magnet. The magnet could not readily be taken to the patient. The need for a small, handy form of magnet, with a lot of pull, was a frequent topic of discussion among physicians and first-aid specialists.

New Magnetic Material

The development engineers of the Western Electric Company, which manufactures telephone apparatus for the Bell System, had

been studying magnets and magnetic materials for many years. Magnets, all sorts of magnets, small and big, permanent and electro, strong and weak, are to be found in the telephone system in more than the proverbial thousand and one places. Obviously, these engineers knew considerable about magnets and magnetic materials. Following the suggestions made by medical advisers as to the size and shape of the proposed probe, these researchers produced a magnet with two and a half times as much pull as the strongest permanent magnet previously possible. Of course, the secret of the achievement is the material comprising the magnet, namely, cobalt steel. Cobalt is a chemical element, and with iron and nickel comprises the more magnetic materials found in Nature. Cobalt, however, does not exhibit magnetic properties in so high a degree as iron. However, an alloy of cobalt and steel, a magnetic material was discovered which has most extraordinary magnetic properties. Permanent magnets of unusual strength resulted.

The New Magnetic Probe

With this new cobalt steel magnet a probe about the length and diameter of an ordinary pencil was designed. One end is flattened for use in extracting bits of iron from cuts while the other end is pointed like a sharpened pencil for particular application in eye cases.

The first aid specialist and the physician are now able to add a new instrument to their healing kits. A hard and lifeless piece of iron thus serves as a great boon to the injured. Cobalt steel is not found in the natural state, but emerged from the scientific laboratory as a result of unremitting labor and study by those who were zealous in research.

sembled for the first time this year to sing, and give the new yell-leader a trial. The school voted to buy more new popular songs to sing at the assemblies on Friday mornings.

Personals

The following students have enrolled in high school this year from other schools: Lee Foster, Weston; Wayne Pinkerton, Milton; Jack Dow, Princeton, Maine; Kathryn and Carolyn Kidder, Pendleton; Esther Berlin, Walla Walla, Lawrence Corliss Hereford, Oregon; Beatrice and Loie Hiteman, Berkeley, California; Edwin and Ralph McEwen, Portland; Harold Kirk, Portland.

1st and 2nd Grades

Thirty pupils are enrolled in the first and second grades this year. This is more than has been enrolled for a number of years.

Entertainment

Friday morning the high school as-

HOSS APPOINTED AS SECRETARY

No Drastic Changes in the Personnel of the Office.

Hal E. Hoss, of Oregon City, will be appointed by Governor I. L. Patterson shortly to serve as secretary of state, filling the unexpired term of Sam A. Kozer, who is resigning to take over new duties as director of the state budget. The change in state officials is set for Monday, September 24th and Mr. Hoss will serve by appointment of the Governor until January 7, 1929, the end of the term for which Mr. Kozer had been elected.

Mr. Hoss is the republican nominee for the office of secretary of state, winning in the primaries by a wide margin over H. H. Corey and Tom B. Handley. Prior to enter-



HAL E. HOSS

ing the race for election as secretary of state, Mr. Hoss served as private secretary to Governor Patterson and before that was manager of the Morning Enterprise, published at Oregon City. He has been active in newspaper organization work, and has held a number of offices in publishers associations.

Mr. Kozer, who is nearing the end of his second term as secretary of state, was selected by Governor Patterson to direct the state budget because of his many marked qualifications. There is perhaps no one in the state more familiar with the operative and fiscal affairs of the commonwealth than Mr. Kozer, due to his long contact with all its various departments. As director of the budget, working directly under the governor whom the 1927 legislature designated as state budget officer, Mr. Kozer will give Oregon taxpayers the advantage of his vast fund of knowledge about public business, and will fill an important place in the administration's official family.

There will be no drastic changes in the personnel of the office of secretary of state, according to Mr. Hoss, who has let it be known that he intends to conduct affairs as efficiently as possible, without regard to professional job-hunters and political hangers-on. The Hoss family has moved to Salem and taken up residence in the Fairmont hill district.

The Mystery Club

The S. D. or Mystery Club resumed its meetings at the home of Goldie Miller, Wednesday night, September 12. As Esma Hiteman, who was elected Sec. and Treas. at the last meeting of the club on June 5th will not be here for some time, Goldie Miller was elected to take her place for the time being. The names of three new members were handed in and will be voted upon at the next meeting.

Rodeo Directors Here

Mr. and Mrs. A. F. Schultz accompanied by Mr. M. C. Remelin, private secretary motored here from Ellensburg, Washington, Tuesday and visited at the Koepke ranch south of Athena. Both Mr. Schultz and Mr. Remelin are members of the board of directors of the Ellensburg Rodeo staged there the 6, 7, 8 of this month. They report a most successful show, with world champion performers and record crowds.

Camp Fire Girls Meet

Tawanka group of Campfire Girls met Monday afternoon at the Hiteman home. Plans were discussed for a hike to be taken next week. A report was made that proceeds from the candy sale amounted to \$6.85. This will be added to a fund for current expenses of the group.