# Sagebrush

Vol. XXII

UNIVERSITY OF NEVADA RENO, NEVADA, DEC. 22, 1914

Number 18

# A JOYFUL YULETIDE WISHING YOU

## Convention Work Receives Support

WELFARE AND EFFICIENCY CON-VENTION PLANS ARE WELL UNDER WAY

The general plan and the many details of the General Welfare and Efficiency Convention of Engineers, which will be held at the University February 6 and 7, are well under way, and it is expected that everything will be in readiness to meet the many visitors at the convention and supply ample entertainment.

Governor-Elect Emmet D. Boyle, '99, and Denver S. Dickerson met with Dean J. G. Scrugham during the past week and went over a number of features, the most important of which was the closing of the busines of the State for one day and giving the legislators and State officers a chance to attend the convention.

All departments of the University will assist in entertaining the visitors, and in order to keep the work cenrepresentative committees from each department were appointed and instructed to act with the executive committee of the Engineers' Club in formulating and carrying out the various features.

Cazier, Johnson and Henningsen have been appointed to represent the They will assist Agricultural Club. Dean Knight of the agricultural schools and President Kent of the club in presenting to the visitors data and points of interest on Nevada farms.

For the School of Arts and Science Miss Dorothy Bird, Lester Withers and consists of an exchange of professors Frank Bannigan will act on the entertaoinment committee. For the Do- The Colorado School of Mines and the Humboldt. The animal, a tertiary mestic Science Department Miss Bardenwerper has made some unique plans enter into this plan, and seven other for entertainment and has appointed Misses Walker, Pyle and Mahan to as-

The entire convention will be under State auspices and will be directly in charge of Dean Scrugham and the University Engineers' Club.

## Nevada Scenes to Adorn Walls

FORTY VIEWS OF VARIOUS PARTS OF STATE TO FORM PART OF NEVADA'S 1915 EXHIBIT

To give visitors at the 1915 fair an opportunity to become acquainted with the beauties of Nevada scenery the exposition committee has made arrangements to have a number of 24x 36-inch half-tones of various scenes placed on the walls of the State building and in the Educational exhibit. Among these are four half-tone views of Pyramid Lake, showing a beautiful Military Service of Pyramid Lake showing a beautiful Lahontan dam, the United States Reclamation Service project and Uncle Sam's million-dollar farm will be shown.

On the Nevada side of Lake Tahoe a number of pictures were taken, and from these a few will be picked. The University of Nevada will be represented by half-tones of the quadrangle and the Mackay School of Mines and ahtletic field. The Southern Pacific report of the University of Wisconsin will furnish some views of the country through which it passes, and thirty pictures of grain fields and cattle and sheep taken in various parts of the State will comprise the exhibit.

The impression of the average Eastern man-that Nevada is a great desert, with a few fertile spots-will undoubtedly be dispelled by the exhibition of a few scenes like these, show-



## Profs of Mining to Exchange

MINING SCHOOLS TO EXCHANGE INSTRUCTORS FOR SHORT LECTURE COURSES

The board of regents of the University of Nevada have approved a plan suggested by Director F. C. Lincoln, which with other Western mining schools. Utah School of Mines have agreed to mining schools have asked permission of their respective boards of regents or presidents to participate

The United States Bureau of Mines is to have a representative in the person of D. A. Lyon, who is now stationed at the Utar School of Mines. Director Holmes of the Bureau of

is being done by the Bureau of Mines, and prevention of mineral

Second-The present status of the electric furnace in metallurgical work. Third-Some present-day metallurgical problems (two lectures)

Fourth-The present and the possible future application of metallurgical

Fifth-The mineral resources of

# Condemed at Wis.

UNIVERSITY SURVEY BY W. H BRAGG CONDEMNS SOLDIERY

MADISON, Wis., December 18 .-Compulsory military education for students was condemned to-day in the survey, conducted by William H. Allen of New York.

It was also urged that non-residents of the State should be discouraged from coming to the University, as their lavish habits were declared to have bred extravagance among other

The report criticised the University for accepting aid from the Carnegie ing what kind of a desert this really is. Foundation for pensioning instructors

### Curiosity of Value Found in Elko County

REMAINS OF AN EXTINCT CAMEL HORSE FOUND IN EASTERN PART OF THE STATE

The remains of one of the antediluvian ancestors of the horse found in the north fork of the Humboldt River, forty miles noreswest of Elko, in Elko County, was sent to Professor J. C. Jones last week by Dr. P. W. West of horse camel, belonged to the Niocene

Professor Jones shipped the valuable curiosity to Professor J. C. Meriam at the University of California.

GIRLS' GLEE CLUB ENTERTAINS

Mines has extended ris permission for prepared musicale before the ladies Dr. Mack yesterday and left for the the exchange, which guarantees the of the Twentieth Century Club in a Coast last night. presence of this first-class metallurgist. program which consisted largely of will lecture on the following Christmas songs and carols. In all seven carols were sung by the Girls First—An outline of the work which Glee Club, in addition to the excellent program which was rendered by the and especially as regards safety, effi- divers member of the Twentieth Century Club.

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## Cattle Disease Puzzles Doctors

CALIFORNIA AND NEVADA SCIEN-TISTS WORKING ON PUZ-ZLING CASE

An obscure and as yet unidentified disease among cattle in the Carson valley is giving the leading vetinarians and bacteriologists of the Universities of Nevada and California considerable difficulty and was responsible for the presence Saturday and yesterday in Reno of Dr. K. F. Meyer, the eminent pathologist and bacteriologist of the University of California. Dr. Meyer called upon Dr. W. P. Mack, veterinarian and bacteriologist of the University of Nevada Saturday morning, and they vis-Last Friday the Girls' Glee Club of ited the Carson valley to look over the the University appeared in a specially situation. Dr. Meyer remained with

> causing a distinct and p to the ranchers of Carson valley for some time, and recently Dr. Meyer came to the conclusion that a condition he found in California might be similar to the Nevada case. After considerable correspondence and exchange of views, Dr. Meyer came to make observations for himself and to check up his impressions with Dr.

Dr. Mack says the case positively is not anthrax, which it is said to resemble in some respects. The standard tests absolutely negative that diagnosis, he says, but he frankly admits that neither he nor Dr. Mack are able to say at present just what it is. They will keep on, however, until they identify it or classify and name it anew. The disease manifests itself acutely, s accompanied by a temperature and is often fatal in a few hours, although there are recorded recoveries. It is not so general or destructive as to cause panic, although the persistent loss is felt by the ranchers.

President Hendrick left for Elko Monday morning to attend the session of the teachers' institute there. He will speak to the teachers today and will return to the University Wednesday morning.

Prof. H. W. Hill of the English department left for San Francisco to spend the Christmas holidays.

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### Nevada Space at Fair Settled

DEAN SCRUGHAM MAKES TRIP TO EXPOSITION GROUNDS AND SECURES EXHIBIT SPACE

As a result of Dean J. G. Scrugham's trip last week to San Francisco all the space has been selected and apportioned for the Nevada educational exhibit in the respective buildings, and exhibits from the different schools are being rapidly classified and placed.

One thing which needs emphasis in the selection of exhibits, according to Dean Scrugham, is the absolute worthlessness of examination papers, manual training work and such common place offerings. Each school should endeavor to exhibit only that branch of work in which it excels or is peculiarly adapted to. Only what stands out distinctively from the other work s wanted, not a great mass of every-

Exhibits that teach the fundamental deas of each educational principle are also in great demand, and only those which excel in this line. In line with this idea the commission in charge of the educational exhibit at San Francisco stated that the best exhibit he had yet received was from an institute for the feeble-minded, for the reason that the work sent in was highly specialized.

That the general illumination scheme of the Nevada exhibits will be of the best, Dean Scrugham has obtained the services of W. D. Ryan, chief illuminating engineer of the General Electric Company. Mr. Ryan numbers among his achievements the truly remarkable lighting effects of the Hudson-Fulton Exposition and is now in charge of the exterior lighting for all the Panama-Pacific Exposition. Mr. Ryan is to handle all the lighting effects for Nevada exhibits, which assures the best of results.

Dean Scrugham also arranged for addresses and exhibits for the General Welfare and Efficiency Convention, which is to be held the 5th and 6th of February

## The disease in question has been School Instructors Meet in Reno

TEACHERS' INSTITUTE ATTRACTS MANY OF FORMER NEVADA STUDENTS

The annual Teachers' Institute, which began a four days' session at the Reno High School to-day, brought many teachers from the various state schools to Reno. Among them are many University of Nevada alumni.

Miss Edwina O'Brien, '14, a daughter of Regent O'Brien of Sparks, is attending the convention from her school in Lovelock.

Miss Leola Lewis, '13, from the Huffaker School, is an enthusiastic attendant at the institute.

Miss Anne Cozzalio, '14, has been teaching at Imlay and reports a wonderful time.

Walter W. Anderson, '12, vice-principal of the Tonopah School, arrived in town Sunday night. He has been a visitor on the campus and expresses his satisfaction with the progress we have made since his last visit. Pop, as he was familiarly known, was president of the student body in 1911 and was a member of the 1909 rugby team. He wears a T. H. P. O. pin.

J. F. Able, '01, deputy state superintendent, is attending the institute, where he will give a number of lectures.

Grace Mahan, '14, reports some time as a school teacher at Mina.

# The U. of N. Sagebrush

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VOL. XXII.

RENO, NEVADA, December 22, 1914.

THANKS-WHEN WE GET IT

That Christmas draws near,

We modestly suggest

And a little will pay

If you send it in time

That we-uns and ours

For this paper a year

You perhaps will decree

Shall partake of turkee.

For that little you send us

Direct from your mint.

-Churchill Eagle.

WE WISH YOU ALL

AND

A Happy New

- Year

Merry Xmas

We give you our thanks

And this gentle hint

#### EDITORIAL

In this last pre-holiday edition of The Sagebrush, got together in the hurry and rush of the exams, we take occasion to extend to all our readers and patrons, and the general public Xmas greetings. We wish you one and all a Merry Christmas and the hapiest of vacations, and hope you not only return yourself but bring one or two new students to the University of Nevada.

#### BECAUSE IT'S CHRISTMAS

Jes' because it's Chris'mus I go smilin' on my way, An' jes because it's Chris'mus I am kinder-like an' gay. I'm full o' human kindness An' as thoughtful as can be; I develop total blindness To the faults I used to see

Jes because it's Chris'mus I forgit that I'm depressed, An' I say whatever happens Is, by all means, for the best An' my thoughts for every brother That I meet are sweet an' good, An' I wouldn't skin a rival Even if I thought I could.

Jes because it's Chris'mus I don't think about my debts, An' the biggest of my worries Bring to me no vain regrets. I am sort o' tuned to gladness, An' I go upon my way As though nothin' ever happened Worth a minute of dismay.

Now, my burdens are no lighter When I come to Chris'mus Day, An' my troubles are no fewer, An' no smoother is my way Than they were in bleak November, Yet I seem to think 'em so, An' jes because it's Chris'mus I am smilin' as I go.

If I can laugh at Chris'mus An' cheer my fellow men Why can't I laugh in April-Why not be merery then? If I can bear my burdens When it's Chris'mus with a smile Why can't I face my troubles In the same way all the while?

Why must I go repinin' An' whimperin' along An' blind to all men's goodness Seein' only what is wrong, Till the year is slippin' from me, An' then suddenly declare When it gets around to Chris'mus That there's goodness ev'rywhere' -Detroit Free Press.

Weep and you're called a baby, Laugh and you're called a fool. Yield and you're called a coward Stand and you're called a mule. Smile and they'll call you silly, Frown and they'll call you gruff. Put on a front like a millionaire And some guy calls your bluff. -Holcad.

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Prop.

### Students Ask For Battalion

POPULAR SENTIMENT LEADS TO FAVORABLE ANSWER FROM AUTHORITIES

PRINCETON, N. J., December 19.under way take definite shape.

The movement started with a small again!"-Chicago Post, body of the students who submitted a petition to the faculty reugesting that such a department be made. A committee of the faculty was appointed, and it announced that if a sufficient number of students was behind the movement it would report favorably on the project.

Nearly five hundred students have signed the paper approving the formation of a military company, and it looks now as if the course would be begun in February.

#### HELP FOR MINERS, TOO

Tonopah Bonanza: The Federal and State governments have solved the problems for the farmer by teaching him to manage the soil and in finding the enemies of his crops. He has had great irrigating systems built for his benefit at public expense. We do not wish to be understood as criticising the large expenditures made by the Nation and State for the farmer's bentfit, for results have demonstrated the great wisdom of this course, but mining has not received the consideration to which it is entitled.

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Fox-Trot Sundae 15c, at the Fountain, Dalton, Cliffords and Wilson Co.

#### SENSIBLE GIRL

The boat was drifting idly when he

She gazed at him calmly from her end of the craft and said:

"As a mater of common sense, realizing that we are in tihs boat on a body of water forty feet in depth, and that if you were to act as you should Princeton University may have a act if I acepted you, we would be capcourse of military instructions during sized, I will decline your proposal at the second term if the plans now this moment—but—George, row to shore as fast as you can and ask me

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When S. C. Dinsmore, director of the State Department of Pure Foods and Drugs, made the rounds while inspecting last week he found in a local bakery some chocolate adulterated with oxide of iron.

He is now continuing the rounds in order to see whether any more of the inferior chocolate has been sold in Reno. It is his purpose to make an interstate case out of the occurrence and prosecute the manufacturer.

Whether the iron was put in the chocolate to make it strong does not appear, but it was present in quantities equal to 16 per cent of the whole. Professor Dinsmore knew there was chocolate in the iron by smelling it, but he had to use a chemical test to find the iron in the chocolate. A reddish tinge made the chocolate look suspicious.

### Los Angeles Club Rugby Champions

LOS ANGELES ATHLETIC CLUB WINS CHAMPIONSHIP IN A FAST RUGBY GAME

The team of the Los Angeles Athletic Club, playing as one man, succeeded in smashing through the Olympic Club team Saturday at Washington Park in the second half of the championship game and won the State Club rugby title by a score of 16 to 5.

The Olympic Club, with one victory over the local team, rushed the ball down the field and scored a try eight minutes after play began. The goal was kicked and they were away with a 5-to-0 lead. For fifteen minutes the local team flopped around on the turf like wooden Indians, but after this period they became one of the finest rugby teams that ever performed on a southern California field.

From the start of the second half the Olympic Club was helpless before the amazing play of the local men. The Los Angeles Athletic Club forwards succeeded in hooking the ball back in nearly every scrum, while the local backs were unstoppable.

#### IT ISN'T YOUR COLLEGE—IT'S YOU

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Like the kind of a college you like, You needn't throw your books in a

And start on a long, long hike.

You'll only find what you left behind,
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knock your school.

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The rotter worth while is the one who can smile /
When the other side's taking the

field;
The one who can cheer when the victory's dear,

Yet never be tempted to yield.

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### Mill Waste Makes Pavement

UNIVERSITY ROAD TO BE PAVED WITH NEW LIQUID FOR EX-PERIMENTAL PURPOSES

Professor S. C. Dinsmore, who has charge of the investigations that are expected to result in the installation of a plant at Floriston for the evapo ration of waste sulphite liquors of the paper mill now polluting the Truckee River, has made some laboratory samples of paying from a barrel of the evaporated liquid shipped from an Eastern paper mill. As soon as the samples are well hardened, crushing tests will be made to prove the adaptability of the material as a binder for road building.

Better Than Crude Oil

It is the contention of Professor Dinsmore that the by-product which could be made by condensing the waste liquids now spoiling the trout fishing and affecting the drinking vater from the Truckee River would be far superior to oil as a road binder. The matter has been taken up with he California Highway Commission, and it is believed to be a question of time only until a big market for the by-product has been created. The installation of an evaporating plant is expected to follow immediately.

Capital Offered

Professor Dinsmore has letters from n Eastern manufacturer of evaporating equipment declaring that he is in touch with a maker of a road-binding material made from paper-mill waste who will agree to put \$50,000 to \$100-000 into the development of the business of an evaporating plant. He estimates that it would require two years to develop the demand to a point where the business would pay divi-It is believed that a part of the product would be made into a maerial to be used in tanning leather.

Two blocks of the paving made by Professor Dinsmere are about three feet square; other blocks are smaller The complete pavements were tamped hence are not as good as a road well rolled would be. They were hard the day after being made, however, and now look like first-class samples of paving. Some of the paving is made of crushed rock and some of gravel, worn smooth by the action of water

Hard in Summer The trouble with crude oil as pinder is said to be that in summertime it softens and leaves ruts which can only be mended by building the road over again. The paper-mill byproduct is said to grow harder in hot weather, while the road may be still further improved by sprinkling once month with a solution of the condensed liuqid diluted with water in the ratio of one part liuqid to sixteen parts of water. The evaporated liquid s about as thick as molasses.

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# Platinum Ore Subject of Paper

MACKAY SCHOOL OF MINES IS-SUES BULLETIN ON RARE MINERAL DEPOSIT

In a bulletin issued by the School of Mines of the university, a description of the sources of platinum in Nevada, with the results of an assay of a sample from the Boss mine in Clark county, is given. The assay shows high results in the precious metals. The bulletin says:

"There are two localities in Clark county, Nevada, where platinum is known to occur and from one of these platinum ore is being shipped now The first place where the metal was found in Nevada was in the Copper King district, 16 miles south from BBunkerville, at the Key West and Great Eastern mines. This deposit was described by Mr. Howland Bancroft, of the United States Geological Survey, in "Mineral Resources of the United States for 1908." The ore is a very basic intrusive in coarse-grained acid gneiss. There are a number of intrusives in the gneiss, which vary from aplite to perdiotite. The values occur in the latter rock. Assays from the Key West mine made at Stanford university in 1903 ran 1.7 per cent copper, 1.3 per cent nickel and 0.5 per cent platinum. Samples from the Great Eastern were said to contain 1.5 per cent copper, .9 per cent nickel and 2.5 per cent platinum. A specimen from the Key West mine, which was sent to the Mackay School of Mines, was tested by assaying clippings from four different portions. These chippings ran from 1/2 ounce to 2 ounces in platinum and averaged 1 ounce This, however, was an especially rich piece of ore and the previously published assays are all lower. Both properties are of greater value for their nickel and copper contents than for their platinum and both at present are shut down.

"Recently a new deposit of platinum minerals has been discovered in Clark county. This is on the property of the Boss Gold Mining company in the Yellow Pine mining district. It has been described by Mr. Fred A. Hale, Jr., the secretary of the company, in a recent number of the Engineering and Mining Journal. The country rock in the vicinity of this deposit consists of limestone cut by a large intrusion of acid porphyry. The orebodies occur in a crushed fault zone which traverses both limestone and porphyry, but contain ore only in the limestone. Ledoux & Co. of New York assayed a sample of a carload lot, obtaining the following results:

METAI	4										Oi	inces	
Palladiun	1											5.47	
Platinum												1.1	
Gold												8.752	2
Silver												9	
												Pct	
Copper .												.97	7
Insoluble												80.7	
Sulphur												.5	
Iron												6.7	

"They state that the metals are apparently in a free condition, seeming to be alloys of gold and the platinum metals.

"A sample of this ore has just been assayed by Assistant Prof. Palmer in the state mining laboratory at the Mackay School of Mines with the following results:

METAL		Ot	inces.
Palladium	 	 	60.4
Platinum .	 	 	12.28
Gold	 	 	38.92
Silver	 	 	10.96

"Thus the Boss ore has a much higher platinum content than that of the Key West and Great Eastern mines and is even richer in palladium.

"More than 90 per cent of the world's production of platinum comes from the Ural Mountain region in Russia, where it is obtained from plac-The production of the United States is extremely small, most of it being obtained as a by-product in placer gold mining in northern California and Oregon, while a small production comes from the New Rambler copper mines in Albany county, Wyoming. There is also a production of small amounts of platinum and palladium in the electro-lytic copper refineries from minute amounts in the ores. The total production of the United States amounts to only about a thousand ounces a year, while the production of platinum in Russia in 1913 was 275,000 ounces. The present price of platinum is about twice that of gold."

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MACHINE USED FOR MARKING PLAYING CARDS

A souvenir of gambling days in Nevada was deposited with the Nevada Historical Society vesterday in the form of a machine made at Belleville Mill in 1874 for gamblers to mark or trim the high cards of decks of gam bling cards for recognition while dealing. The machine was the property during recent years of Thomas Pepper of Mina. He has now bequeathed it to the State. With it came also a handsome specimen of cinnabar ore from the Pepper mines, twenty-five the first day or two entrance examimiles east of Mina

J. Holman Buck, also of Mina, contributed at the same time three large photographs-two of Bodie in 1890, and water wheel at Dutch Creek, taken in 1903 on the day of the opening of Walker Lake Indian Reservation to mining.

the University of Nevada is in town for a few minutes' conversation with from Vallejo, Cal.

Fox-Trot Sundae 15c, at the Fountain, Dalton, Cliffords and Wilson Co.

We have all the late books. them at Cann's.

# Historical Society Vacation Time Gets Souvenir Begins Wednesday

BRIEF RESPITE FROM STUDIES STARTS WEDNESDAY; "HOME, SWEET HOME" IS POPULAR

With the approval of the Merry Christmas season, preceded by the slightly less merry examination week, all the students who live out of town have finished their packing and have started speculating as to what the old town looks like. By Wednesday all the exams are due to be finished. but Tuesday will see quite a number

January 4 is the date set for the beginning of the next semester. On nations and re-exams will hold the boards, though, so class work will not commence until the 6th of January, leaving about two weeks to get acthe other a picture of the old arastra quainted once more with the home

#### FOILED AGAIN

Papa Bending keeps a pretty sharp eye on his daughter Mary and many Harry Grayson of the '13 class of a would-be lover has taken a walk the hard-hearted parent.

"You seem like a nice young man, and perhaps you are in love with Mary?

"Yes, I am," was the honest reply "Haven't said anything to her yet. have you?" continued Papa Bending.

Phone 1568 W

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"Well, no, but I think she recip- like her," was the answer. cocates my affection."

tic and there's no doubt that Mary the father. has inherited her insanity."

"I'm willing to take the chances." replied the lover.

"And you should know that I have "Does, eh? Well, let me tell yo sworn a solemn oath not to give Mary something. Her mother died a luna- a penny of my property," concluded

"Well, I'd rather start poor and build up. There's more romance in it, Mr. Bending," continued the lover. "Yes, but you see, Mary has a ter- "I've heard all this before, and also rible temper. She has twice drawn that you were on trial for forgery a knife on me with intent to commit had to run away to America for bigamy and served a year in prison "I'm used to that-got a sister just for cattle stealing. I'm going to marry

into your family to give you a decent reputation. There- no- thanks-

"Foiled again," muttered the fathr.-London Tit-Bits.

Don't forget your box of Orange Blossom candy for Xmas.—CANN'S.

Fox-Trot Sundae 15c, at the Foun-

tain, Dalton, Cliffords and Wilson Co. Stationery, fancy Xmas boxes, from



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# Stock-Reducing and Holiday Sale

We would like to call attention to the HOLIDAY GIFTS in this price-reducing event. A few suggestions to the 'Xmas shopper follow:

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Fancy Neckwear-In Christmas boxes.

Holiday Suspenders very pretty ones.

Bath Robes and Smoking Jackets-of every description.

Collar and Tie Sets-Always acceptable.

Handkerchiefs-Silk or

SUGGESTIONS

Shirts, G. & M. Under-

Pajamas—A wonderful showing.

Half Hose-Silk, lisle or wool.

Leather Goods-A complete line.

Hats and Caps—the

leading makes. Mackinaws and G. & M. Sweaters.

In view of the fact that our entire stock of Suits, Overcoats and Frunishing Goods are being offered at GREATLY REDUCED PRICES in this sale, we are making particularly special reductions on HOLIDAY GIFT GOODS, and can assure you

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