HARNESSING THE ZAMBESI

In Nyasaland.

arrangements for harnessing the Niagara of the Zambesi have been completed. Within w months a London syndiformed, with a paid al of \$15,000,000, and surveys making for the installation of greatest electrical plants The various power comthe Rand have been pur and the new syndicate prac-natrols the power possibilities Africa. The works which it th Africa. The works which it operation about Johannesburg the gold mines will pay some-like \$400,000 a year above their ing expenses, and it is planned usmit the enormous force of Vic-Falls by wire, not only to the year, but everywhere within a of 600 miles from this point.

FIVE TIMES AS GREAT AS NIAG-ARA.

I have already written of the beauty nd grandeur of Victoria falls. They urpass Niagara in their scenic effects. the engineers claim that they sur also in the mighty force with



THE POWER STATION WILL BE IN THE GORGE.

Photographed for the "News" by Frank G. Carpenter.

which these millions of tons of wate TORIA FALLS.—The financial group down upon the rocks. They fail with a thunder like that of artillery. The noise can be heard ten miles away. and the spray on a bright day goes up to a height of 1,200 feet in clouds or pillars of mist which are visible for 50 milles around milles around.

As to the exact force of the falls, this is a matter of scientific columns, this As to the exact force of the falls, this is a matter of scientific calculation. The engineers claim that they have a possibility of 35,000,000 horsepower. The possibilities at Niagara are put at 7,-000; and if these figures are correct the Victoria falls as a working force are five times as great as our own. Not only the falls themselves, but the de-scent of the river through 40 miles of gorges may possibly be utilized at scent of the river through 40 miles of gorges may possibly be utilized. At any rate, there is no doubt that they have here a force greater than all the demands that can be created for many years to come, and that it may be used for the building up of an industrial empire which will affect the whole of this part of the continent. THIRTY.FIVE MILLION HORSE-

POWER.

Have you any conception as to what \$5,000,000 horsepower means? If the total fall of Niagara could be used it would equal the latent power of 200,009

tons of coal every day. This power here, at the same rate, would daily equal the force of 1,000,000 tons of coal, so that, figuratively speaking, a mil-lion tons of black diamonds are drop-ping down into this gorge every 24 hours. In other words, the Victoria falls every two weeks supply an energy equal to that of the yearly coal out-put of the state of Alabama; and in one year, if their volume were the same from season to season, they would almost equal the force contained in all the coal mined in the United States in that year. Our total product of coal is now 375,000,000 tons per an-num. tons of coal every day. This power |

num. Whether these enormous figures are correct or not is of little matter. The possibilities are beyond any demand. The horsepower now in use in the Transvaal is less than 500,000, and all that we have developed at Niagara is to out the two developed at Niagara is that we have developed at staggers is not quite two-thirds as large. This present syndicate plans to start out with 50,000 horsepower, and it will have a quarter of a million horsepower within not more yours a quarter of a millio within not many years.

 Within not many years.
HOW THE FALLS WILL BE USED.
During my stay here I have gone with the officials of the British South Africa company to the proposed power station and to the northern bank of the river above the falls, where the canal will be dug which will take the water and drop it into the turbines. At some distance above the falls the Zambeel is two miles wide. It narrows to a mile before it reaches the great gorge into which it goes in one mighty drop of 400 feet. The falls are as wide as from the treasury to the Capitol in Washington, and the water jumps straight down for a distance of 400 feet. By means of the eanal now projected the drop will be only 350 feet; and the water will pour mito 10 great turbines. At Niagara, and one of the chief engineers connected with the construction is a man who has put up works at Niagara. This is Mr. Ralph D. Mershon has said that there is no doubt that this power can be carried for a distance of 600 miles, and he speaks of the scheme as proteined. Mr. Mershon has said that there is no doubt that this power can be carried for a distance of 600 miles, and he speaks of the scheme as provided that there is no doubt that this power can be carried for a distance of 600 miles, and he speaks of the scheme as protical. This is the transmission of electric flow of have investigated it are Prof. Bionde of Paris, Dr. Tissot of Basle and Prof. Klingenberg of Berlin. I am ful threstigation of it and that they will supply on the transmission of electric flows are injusted in the store in the scheme as a distance of the scheme and prof. Klingenberg of Berlin. I am ful threstigation of it and that they will supply and the they will supply and the they will supply and the the cardinery. HOW THE FALLS WILL BE USED.

drifted in uncon

served by the California Gas and Elecserved by the California Gas and Elec-tric company at a distance of 350 miles. If this plant succeeds it will result in the power of Niagara Falls being car-ried to far beyond Chicago, and to its utilization in New York, Boston, Wash-ington, Cincinnati, Indianapolis and throughout the nighty industrial bee-hive which is inclosed within a 600 mile radius of Buffalo.

Their Force is Five Times That of Niagara and Equal to All Our Coal

Mines-What Thirty-Five Million Horsepower Means-Electricity

To Be Carried 600 Miles Over Aluminum Cables on Steel Towers-

How the Power Will Be Used-Business on the Zambesi-Electricity

ALUMINUM WIRES AND STEEL TOWERS.

TOWERS. As is now plauned, the power will be carried through aluminum cables as big around as a man's wrist, and these will be supported by great steel towers 60 feet high. Each tower will weigh in the neighborhood of 3.000 pound. It will be bedded in a cement foundation and will be made about six times as strong as the weight of the cables and insula-tors seems to demand. An experi-mental tower was recently made in Scotland and tested. This tower is much like some which are now used in the United States. It looks like those used for windmills, and is 60 feet high. Each tower will probably carry several cables. The insulators will be of por-celain and will weigh from 50 to 75 pounds each. The cables will be made of aluminum wire with a large number of strands to each ca-ble. The towers will be erected a thousand feet apart, and it will take in the neighborhood of 3.000 of them to reach from here to the Transvail. It is probable that there will be a much less loss of power on account of the wires being so high in the air, and the scientists claim that the percent-age of waste during the transmission will be exceedingly small. They say that they can probably send the electricity at a pressure of 150,000 yolts, which is much greater, as I un-derstand it, than has yet been attained by any working plant in the United States. The current of some of the Nagara companies is sent at a volt-page of 60,000, and this is two and one-half times that. As is now planned, the power will be helf times that.

One of the remarkable features of the falls here is the mighty gorge into which the floods pour. This gorge is over 40 miles long, and the water with-in it falls so rapidly that an enormous power can be developed outside the falls themselves. Within 15 miles there is a full of 70g feat. and a thousand. fails themselves. Within 15 miles there is a fall of 700 feet: and a thousand-foot fall could be made within about 20 miles. Indeed, it is said that a canal, which would cost comparative-ly little to construct, could be so made that it would develop one million horse power. This is almost four times as much as the total horsepower now much as the total horsepower now used in the Transvaal.

CARRYING ELECTRICITY SIX HUNDRED MILES. The scheme involves the carrying of the juice, or electrical current, for a distance of 600 miles, and it is pro-posed to construct a jine that long from here to the gold mines of the Transvaal for the first installation. This is much farther than power has yet been carried in our or any other coun-try. We are working plants more than half that far in California. There are tramways in Oakland which get their electricity from water powers 140 miles away, and there are certain stations

prise hundreds of small gold mines in Rhodesia and the great deposits of iron which lie between the Zambesi and the Kongo Free State. If the ex-periments for smelting by electricity which are now under way in this coun-try and Europe are successful the ore from these mines may be turned bito pig iron by the power from the fails. They will also be especially valuable to the great copper syndicate which has been recently organized to develop the vast deposits just over the bound-ary of the Kongo Free State. As it is now, the Transvall is said to be paying something like \$15,000,-000 annually for power, and a large revenue should come to the company from the gold mines alone. The in-itial plant, which is to produce 50,000 horsepower, will be all used by the Rand, and other plants will speedily follow. The success of the whole un-dertaking will depend on whether the power can be successfully and profit-ably carried to a distance of 600 miles, or about as far as from New York to Cleveland.

about as far as from New York to Cleveland. One very serious matter in connection

one very serious matter in connection with the project is the possible break-age of the wires, but this will be avoid-ed by a reserve turbine steam station of 20,660-horsepower capacity. This will furnish howen to see the state of the state of the state of the state of the steam station of the state o furnish power to supply a temporary breaking down of the main plant, and there are other projects under way which will furnish additional power in such cases

which will furnish and total power in such cases. As to the aggregate possibilities of the falls, I quote the figures that are given here. There is no doubt but that the force is greater than South Africa can use for a century to come. As for myself, I doubt the statement that it so far surpasses Niagara, for the rea-son that there are times of the year when the Zambesl is low, and a water-fall of this kind can only be gaged by its minimum flow. The Zambesl can certainly furnish several million horse-power year in and year out.

WILL IT INJURE THE FALLS?

One of the great questions in connec-tion with Niagara is whether the taking away of the water for electricity will eventually destroy the falls. It is claimed that the volume of water flow-ing over the American falls is already much less and that the total diversion, when all the works now operating or under construction are carried out, will be equal to about 40 per cent of the minimum discharge of the Niagara riv-

At present the plants are said to be a covarity of about 59,000 endice of water per second, whereas the nal discharge of Lake Eric over the is only a little more than 200,000 o feel per second. At this rate it not be many years before the beau-f our fails as a great natural won-will uses away. Il not be

by of our fails as a great natural won-der will mass away. The same lear has been expressed us to the Zambesi fails, but the Brilish South Africa company has been cure-ful in graating concessions which will prevent anything of this kind. The dif-ference in the fall of the Zambesi is year, and the views when the river is high cannot be impaired. The cauals to be constructed are to be so arranged that neither the electrical works nor their course will be visible from the falls themselves, and every effort will be made to preserve this as one of the wonders of the world. No factories will be allowed nearby, and the enor-nous parks which have been laid out as a perpetuity will be kept intact. POWER FOR THE ZAMBESI.

POWER FOR THE ZAMBESI.

As a perpetuity will be kept infact. POWER FOR THE ZAMBESI. These fails will supply power for the navigation of the Zambesi and its tri-buttries. The Zambesi tiself has about 4,000 miles of navigable waterways. It is one of the great rivers of the world and it ranks fourth on this continent. The biggest of the African rivers is the Kongo, after which come the Nile and the Niger. The Zambesi rises in Portu-guese Weat Africa in a great plateau which is about a mile above the sea. Its springs are not far from those of the Kassai, which flows into the Kongo. The upper course of the river is over a grassy plain, which ft annually in-undates. As the stream reaches the boundary of Rhodesia the valley nar-rows and the course is broken here and there by fulls and rapids. The river has dropped 2,000 feet before it arrives at this point, and it then falls about a thousand feet within 20 miles. It is show and sluggish just above here, and it looks somewhat like a great pond several impo of 400 feet into this mighty cav-ern, walled with precipitous rocks. It fulls rapidly in the gorge, but after 40 or 50 miles or so, the water again becomes quiet and it runs onward comparatively smooth, with the excep-tion of a few places, for a distance of 800 miles to the Kebrabasa rapids in portugates East Africa and thence on 400 miles to the Kebrabasa rapids in and y and some of the channels are frequently clogged. BUSINESS ON THE ZAMBESI.

small steamers go over it and bring the goods from the ocean vessels which anchor outside. During our stay the water was so rough, that pussengers had to be taken on and off in a bas-test.

HOW VICTORIA FALLS WILL WORK

THE GOLD MINES OF THE RAND

and to be taken on and oir in a bas-itet. From Chinde ene can go up the Zambest and its tributaries by boat. There are three transportation com-banics, and the vessels start inland shortly after the arrival of every ocean steamer. Some of them go into tho Shire river and on into Nyasaland. Chinde is, in fact, the gaie to that British colony, and all goods and pas-sengers for it are landed there. The trip inland is slow and affected some-what by the condition of the river, and there is now talk of building a rail-road which shall go to Elantyre, the capital of Nyasaland. Illantyre is an outerprising town with two banks, a routed of Nyasaland, Bantyre, the contral of Nyasaland, Blantyre is an enterprising town with two banks, a chamber of commerce and social and athletic rhubs. It is only one of sev-eral promising stations in the colony. Zomba, for instance, which is much farther Ioland, has electric lights. It gets its power from the Zomba moun-tain, down which a river flows with a full of 1.800 feet. Turbines are used, and the dynamos are started at sun-set to light the town, the power being used during the day for saving lum-ber and other work. The develop-ment of these falls may furnish the power for the railroads of the coast. Indeed, a railway 100 miles long con-necting Blantyre with the Shire was completed hast April, and this is soon to be extended to Zomba, where this electric power is. FEANE G. CARPIENTER.

FRANK G. CARPENTER.

LADIES' DAY, Saltair, Monday, Aug. 24th.

ATTENTION INVESTOR

If you are looking for an investment hat will pay, handsomely with ab-colutely no risk investigate this. The money is desired by a corpora-tion owning and controling valuable in-terests and is absolutely free from debt. The money will be used to extend the business in which the profits are very large but legitimate. We solicit investigation. Address P. O. Box 612, Salt Lake City Utab

City, Utah.

WASATCH SUMMER RESORT.

Hotel; family cottages for rent. Stage leaves McHenry's Livery Sta-ble, Murray, daily 8:30 a. m. Special stage leaves Saturday evening, re-turns late Sunday evening. Round trip \$1.50. John Starley, Mgr., Murray; 'phone, 421 black.

Expert Kodak Finishing Harry Shipler, Commercial Photog-rapher, 151 South Main, second floor,

LADIES' DAY, SALTAIR. Monday, August 24th.



BUSINESS ON THE ZAMBESI.

I stopped at one of the chief mouths of the Zambesi on my way down the coast. The river divides as it nears the ocean and until recently the chief entrance to it was at Quillmane, a town on the Kwa-kwa river, 14 miles from the sea. This is now separated from the ladan ocean by a bar and

There is a bar there also, but

from the Indian ocean by the easiest approach is by

IN THE ZAMBESI GORGE.

-

WHERE THE POWER WILL GO.

"Then one and one make two, do they as the brilliant assemblage 'Sure.

CRUEL JOKE ON ART CRITIC.

THE irrepressible jokester who is invariably in evidence at weddings broke out in an entirely new direction week at the Lee Greene Richards reception at which were gathered a number of artists and friends to bid the popular young painter God speed in his matrimonial undertaking.

While all who were present are reticent regarding the affair it is understood that several of Mr. Richards artist friends conceived a brilliant idea and proceeded to put it into exe-

During the past week a Main street During the past week a Main street engraver has been having a sale on chromos which have been a feature of his window display. A happy thought struck a couple of the artists who passed and without any more ado they proceeded to put it into execution. They entered the store and purchased one of the masterpieces, frame and all for the stupendous sum of \$1. Then taking their purchase tenderly home the plot promptly thickened. the plot promptly thickened.

A suitable packing case was pre-pared and the priceless treasure duly sestical and the pricess and suit-able packing. The lid was nailed on and the package addressed to Mon-sleur Lee Greene Richards in unmis-takable French chirography. Then followed some artistic touches in the form of French stamps, bogus custom house signs and countersigns. After spending considerable time on the consignment it was duly delivered on spending the afternoon and the conspirators saw that it occupied a prominent place smong the more expensive wedding presents that were in evidence for the delectation of the more for the delectation of the guests. It goes without saying that Mr. Richards was too busy on his wedding day to attend to such matters.

In such matters. In due season the guests arrived and these cruel jokesters took great pride in exhibiting the work of art painted by a famous French artist and sent to his friend in Utah. Those who were on to the joke assisted, but some who were not duly worshiped. One indi-vidual so the story group for indiual, so the story goes, promptly at into ecstacies over the morceau vidual. proceeded to deliver an im-notu lecture on French art and alque much to the edification of the assembled guests who enthe conneiseur.

The public at support the expert in moli masterpieces subsided and now or a dozen people are thirsting for ord-et least that is the way the story goes.

Orlao Laxative Fruit Syrup is sold under a positive guarantee to cure con-stination, sick headache, stomach trou-ble or uny form of indigestion. If it fails, the manufacturers refund your money, what more can any one do. For sale he P. J. Hill Drug Co., "The Never Eubstitutors."

LADIES' DAY, SALTAIR, Monday, August 24th.

Ed. Stromness & Son, 741 State St. First class Horseshoeing, \$1.50.

SALTAIR, MONDAY, AUG. 24. Free transportation to all ladies.

A NEW BATTLE OF GETTYSBURG. THE Commercial club is becoming noted for the variety and originality of its attractions. The latest and most striking of these interesting features was presented yesterday afternoon by Manager Fisher Harris be-fore a group of appreciative friends— at the piano. The gentleman's ever ready genius is too well known for repetition here. Suffice it to say that it remained for him to bring out yes-terday from his reperioire of accomp-lishments, its most irridescent and brilliant scintillation; and it is not drawing a long bow to state that not merely a new star, but an entire constellation has thus been added to American musical composition. The occasion of all this remark was Mr. Fisher Harris' new music drama. "The Battle of Gettysburg," scored for plano, orchestra and band by him-self. Mr. Harris favored a select circle ternoon by Manager Fisher Harris be-

for plane, orchestra and band by him-self. Mr. Harris favored a select circle of friends with a private recital of his chef-d'oeuvre in the ladles' parlor of the Commercial club. With that grace and polished ease that have made him famous over two continents, he glided in, almost unconsciously, to the plane stool. Then, after adjusting himself in artistic poise, he opened with an "andante assal, non troppo con molte." as he happily character-ized it. Its pathos moved the audience to tears—it would have drawn tears from a peeled onion. Mr. Harris then branched off into an allegro vivace of arpeggios, as up and down the key-board swept the performers prehensile fingers in a Chinese maze of maestoso brilliante. It was inspiring—the audi-ence became hypnotized into a state of coma. When Mr. Harris had re-duced the chromatic scale to the con-dition of shedded breakfast food and chased the diatonic scale clean into the woods, he explained that this was en portraiture of the charge of Pick-cit's cavalry brigade against the stone wall protecting the Union line "wait-ing to chaw the Johnnies up." The general joining of the battle was then delineated by the talented composer wall protecting the Union line "walt-ing to chaw the Johnnies up." The general joining of the battle was then delineated by the talented composer in a movement opening with an adagio at the skyparlor end of the keyboard, followed by an omin-ous rattlete bang in stacattoed thirds, at the subcellar end of same. Presently the two forces came together in the middle register first floor front, with a double forte outburst that filled the parlor with metaphorical smoke, and pretty near prostrated the audience, as Mr. Har-ris galloped from one end of the bat-tle field to the other, cheering the Confederate forces in bass chords of consecutive fifths and presto agitato s4th in ad captadum. Mr. Harris fair-ily hung mid air as he emphasized in temultuous melodie elaboration, and harmonic cyclone the terrible carnage of the famous conflict. The notes flew from the plano like bullets from a Gatting battery, and thicker than fleas on a Coonstantinopie dog. Octaves, shot off in hayscale lots, illustrated the discharge of artillery, with the rattle of mesketty rolling off in syncopa-tions of seven sharps in rythmic frenzy. The grande finale came with a

frenzy. The grande finale came with a crash. like a crown sheet explosion on a locomotive, in a series of Ossa on Pellon chords in the major ninth, and Mr. Harris rose proudy, with gracious bows in acknowledgment of "the plaudits of the multitude." The bell boys hauled away the fragments of the

ing apartment, agreeing that the Wagner Tatralogy was infantile in comparison with Mr. Harris' great work. A laurel wreath and a sparkl-ing string of highballs were unani-mously voted Mr. Harris.

scious cerebration to



The Monroe Studio has moved to new location, 38½ West Third South. All on the ground floor. Opposite Greene-wald Furniture company. I will give my personal attention to all sittings in my new studio. C. H. MONROE.

TARIFFS THE WORLD OVER. Tariffs as they are used, for the be foolment of the simple in the interest of the shrewd, instead of for plain

revenue taxation, make trouble everywhere. Just now their most obvious troublesomeness is in the British cmpire, which they seem destined to break It may almost be said that the up. reckless Australians are quite willing

to employ them to that end. In retaliation for the refusal of the present

taliation for the refusal of the present imperial government even to discuss the Chamberlain scheme of preferen-tial tariffs within the empire, they have framed a tariff which seems to be freezingly indifferent to the commer-cial interests of the motherland. Punch pictures it as a wall six feet high, with a six-inch stool on the outside of it, offered to the British manufacturer for his help in climbing over. Pages of newspaper talk could not be as ex-pressive of English feeling as this clever cartoon. Besides flouting England with such a tariff, the audaciously independent

Besides flouting England with such a tariff, the audaciously independent Australians have met overtures of com-mercial itimacy from the Canadian branch of the great British family in some way so coldly indifferent that the Canadians are resentful, and are going to stop the subsidy which sus-tains on Australian steamship line. It is evident that the frictionheat de-veloped at the last colonial conference does not cool, but its widening cracks in the imperial structure, for the mendin the imperial structure, for the mend-

ing of which there is no practicable cement in sight. There might be patching done, if an There might be patching done, if an English majority could be persuaded to use the Chamberlain plaster of pre-ferential duties for the purpose; but that means persuasion of the English workingmen to take their food supplies from all sources in the world except the British colonies. This may be pos-sible, if the plea for it goes with an offer of old-age pensions, for which new duties might movide funds; and it may be that England will be driven to new departures in policy along those paternal lines. The change will not be a progressive one if it comes.-J. N. Larned in the Buffalo (N. Y.) Ex-press.

LADIES FREE. Saltair, Monday, Aug. 24th.

FRESH EGGS.

Eat Brook Ranch eggs and poultry, Phone Forest 69 n y.

CORRECTING HER ANSWER. A teacher in the Garfield school was teaching a primary class the geginning of arithmetic. "Now I have one pencil in my right hand and one in my left," the said. "How many pencils have 1? Helen, you may answer."

"Two," piped a small voice,

The teacher frowned at the disres-"That's hardly what you should have said," she said, "Will some one in the class tell Helen what her answer should

have been? There was a moment of hesitation. Then one brown fist shot confidently into the air.

"Ah, James you may tell Helen what she should have said."

"Sure Mike!" should Jimmie, in a tone of triumph.-From the Kansas City Star.



What they do when THEY have Kidney Disease.

Druggists know that "Kidney trouble" is "inflammation of the kid-neys" and that if it doesn't yield promptly it becomes chronic, which the books declare to be incurable. Hence they don't lose much time with so-called kidney medicines. W. H. Bell, the leading druggist of Live Oak, Fla., went to the Atlanta specialist. Dr. W. M. Durham, to treat his kidney disease. He had it in such a serious form that he wanted the best. He also went to Dr. C. Drew, the lead-ing physician of Jacksonville, Fla. All efforts failed and the dropsical stage began.

He then sent to California for the Fulton treatment.

Fulton treatment. The seventh month thereafter he wrote as follows: "I am doing finely, the swelling is" "all out and I am 100 per cent better." "Mrs. R. W. Price of this city also had" "serious kidney disease, and, could" "not turn over in bed. I told her" "ahout the treatment. She took it?" "and is now doing her own work" "again and says she is well. Another" "life and could not get out much. I?" "put her on the treatment and she is" "well, too." well, too.

How can people doubt the curability f chronic kidney disease in view of he constant stream of testimony like

a above?

For inflammation of the kidneys, hether called "kidney frouble," ephritis or Bright's Disease, get ulton's Renal Compound. Druggist Bell sent across the Conti-ent for it. Isn't this a strong pointer w the unitated

unitiated.

Literature mailed free. John J. Ful-ton Co., Oakland, Cal. F. J. Hill Drug Co., are our sole local agents. Ask for Ri-monthly Bul-letin of late recoveries.



Offers you a chance to get a home in the beautiful Marsh Valley, with a small payment down and nine years additional in which to pay out. The land is equal to the finest fruit land in the country.

Notice of Opening of Carey Act Lands

Boise, Idaho, July 31, 1908.

Boise, Idaho, July 31, 1998. By order of the State Board of Land Commissioners of the State of Idaho, the following described desert lands will be opened for entry and set-tlement on and after September 7th, 1908. in tracts not to exceed 80 acres, by any one qualified to enter the same under the provisions of Acts of Congress Approved August 18, 1894, June 11, 1896, and March 3, 1901, com-monly known as the Carey Acts, and an Act of the Legislature of the State of Idaho approved March 2, 1889, and the rules and regulations of the State Board of Land Commissioners of Idaho in relation thereto: All of the lands described in the contrast between the United States

All of the lands described in the contract between the United States and the State of Idaho, dated May 14th, 1908, which are situated in Ban-nock County, State of Idaho, and are particularly described in said con-tract which is on file in the office of the State Board of Land Commissiners, said lands being approximately 12,000 ares situated in Township 11 South, Range 36 East, Township 10 South, Range 37 East, Township 11 South, Range 37 East, and Township 12 South, Range 37 East, B. M.

Applications to enter said lands may be made in person or by authorized ats to any agent of the State Board of Land Commissioners at Downey, Bannock County, Idaho.

The land will be sold to the entrymen at the price of 50 cents per acre, one-half of which shall be paid when application is made and one-half when final proof is submitted.

All applications must be accompanied by a copy of contrast for the purchase of water shares in the Portneuf Marsh Valley Irrigation Company's canal system at a price not to exceed \$35.00 per share.

One share will be required for each acre of land entered and will represent a proportionate interest in said canal system. F. R. GOODING.

Governor and Chairman

Cures Backache

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Bright's Disease

or Diabetes

M. I. Church Register.

Write For Particulars.

Portneuf-Marsh Valley Irrigation Co., Ltd. DOWNEY, IDAHO.

Will cure any case of Kidney or Bladder Disease not

FOR SALE BY F. J. HILL DRUG COMPANY, SALT LAKE CITY.

beyond the reach of medicine. No medicine can do more.