

A Splendid Enterprise Nearing Completion.

The \$800,000 Plant of The DeGrasse Paper Company at Pyrites.

Within the past five years the eyes of industry have been turned toward the wonderful possibilities that exist in the development of water powers, and wide awake men have been eagerly grasping the splendid opportunities offered by the streams of Northern New York. And the industry that has most especially taken advantage of the water powers that have so long run to waste, is the pulp and paper industry. So that in a few years the streams of Northern New York have awakened from their slumbers and their banks are now lined with splendidly equipped mills. Few of our people, strange to

son, who knows the paper business from start to finish and who has done more than any other man to develop this industry in northern New York, became impressed with the splendid possibilities of this place for a big pulp and paper plant. With the indomitable energy and pluck which has won success in many similar enterprises, and which is characteristic of the man, he set about to organize a new company, take over the pulp mill, and erect a big new paper mill in addition. He succeeded in interesting a number of men of means, and the company was formed to be

throughout, with the exception of the floors and roof, so that the buildings are practically fireproof. The company is constructing the buildings, the work being under the supervision of Charles Leach, who built the Champlain mill at Carthage. Work was commenced on the buildings in June, and they are now practically completed. It is the only mill in the United States built on the advanced and perfected plan which have been utilized here, and expert paper manufacturers say that it is the best constructed plant they have ever seen. It is also the only paper and pulp plant in

to be turning out paper next month. Hon. James A. Outerson is the President of the DeGrasse Paper Co.; L. F. Lehr, treasurer; and E. A. Everett, secretary. The Watertown Times recently said of this company:

The DeGrasse concern is comprised of men of money and energy, well known to the trade of northern New York. The leading spirit is Hon. James A. Outerson, the man who has done so much for the paper and pulp industry throughout northern New York. He is now doing for St. Lawrence county what he has done in the past for Carthage and Dexter, and what he has also done in Malone. True, he has not done these things alone, there have been many men of energy and resources to back him. But it is "him," as he is familiarly known to the trade, who has discovered the possibilities, and guided with valuable experience, has "stood by" till they were successfully launched as money-making realities.

In the DeGrasse Paper company is afforded one of the largest and most promising undertakings Mr. Outerson and his associates have had. From the inspection the other day, it is due to say that the plant will be one of the most perfect in appointment in the entire country. It will be of large scope, with materials to hand, adequate contracting facilities, economy of operation, and there is no reason why its operation should not entail a gratifying success. It is generally conceded by paper manufacturers that this will be one of the best built mills in the United States and one of the most economical in operation. When completed it will represent a total investment of over \$700,000. The prospects for a

ON THE BRINK OF A CRATER.

A Correspondent Writes of an Awe Inspiring Sight.

H. A. Juen of Honolulu, who was in Potsdam in the summer of 1902 visiting his brother, writes the following account of a visit he recently made to the great volcano of Mauna Loa, on the island of Hawaii, one of the group of the Hawaiian Islands which are now under the stars and stripes:

The crater of Mauna Loa was reported active, so we took the steamer for the island at Hawaii, 250 miles from Honolulu, fitted out at the Volcano House for the climb up this vast mountain nearly 14,000 feet. For one who had lived at the sea level for nearly 30 years, the rarified air began to effect me long before we reached the summit. First there was a dryness and soreness in the nose, later the head began to ache about the temples, and increased as we journeyed upward. On and on we toiled over oceans and oceans of lava. It seemed we never would reach the top.

Standing away on the side of that vast mountain one could not tell where the sky and ocean met. Both looked the same. On the way up we passed through all the zones of the earth, from tropical

beasts of Mokawaoo. In fact we have the largest living volcano on earth. During the night the wind shifted in our direction and the sulphur fumes set us all coughing and that with all our other misery made the night seem like a howling pleasure. Next morning at six we took our last look at this great fire that was kindled by the hands of no mortal man and set out on our downward journey. It seemed we never would reach the bottom. By the time we had reached an elevation of 9000 feet or so our throats had left us, and we had no more headaches, heartaches, sick stomachs etc.

A Child's Logic. A story illustrating the severe logic of some juvenile minds is told by the mother of the four-year-old girl involved. One day this observant miss saw a lame man on the street and asked her mother what number his walk so queer. The mother told her it was because one leg was shorter than the other.

"Well," she said, "there is a girl around the corner who is that way."

After a few minutes' meditation she remarked: "Mamma, wasn't it funny that God didn't give the two long legs to the man and the two short ones to the girl?"—Baltimore Sun.

HOW TO SAVE MONEY.

Take Advantage of Half Price Offer Made by W. T. Hinman & Co.

In these times when living expenses have increased from thirty to fifty per cent. it is unusual to hear of a standard remedy being offered at half price.

Yet that is the way W. T. Hinman & Co., the popular druggists, are selling Dr. Howard's celebrated specific for the cure of dyspepsia and constipation. In addition to selling a fifty cent bottle, containing a month's treatment of sixty doses, for 25 cents, they give their personal guarantee with every bottle they sell to refund the money if it does not relieve the sufferer. Doctor's bills can be saved by the use of Dr. Howard's specific for the cure of dyspepsia and constipation and by taking advantage of this special half price introductory offer, our readers can save half the regular price of the specific.

This remarkable remedy is destined to have the largest sale of any medicine up on the market, for those who use it once not only buy a second package but they recommend it to their friends as the only relief they have found for constipation and dyspepsia. The sole limit to its sale is the fact that in only chronic cases is more than one bottle needed to cure, and its cures permanent.

Do not let this opportunity pass to obtain a standard fifty cent remedy at half price. Remember that Dr. W. T. Hinman & Co. will refund your money if Dr. Howard's specific does not cure. 86 88

Crossing the Desert. Physical culturists say that the practice of sitting with the legs or even the feet crossed is a bad one and has more to do with cold feet than most persons imagine. It has this result principally through impeding the circulation of the blood in the feet.

The solar heat that is absorbed by the feet of the calves. Another reason why the habit should be discouraged is the fact that on general physiological principles it is healthier to sit squarely with both feet resting upon the floor, whereas with the legs crossed the weight of the body is thrown almost wholly to one side or the other.

Church Notes. The insect city and village churches are painted with Longman & Martin's Paints, and we wait every church to accept a donation whenever they paint. 828 make 14, therefore when you want 14 gallons of paint, buy only 9 of L. & M. and mix 4 gallons of pure Linseed Oil with it, making actual cost of paint about \$1.20 per gallon. Don't pay \$1.40 a gallon for Linseed Oil worth 60c, which you do when you buy other paints in a can with a paint label on the top. The celebrated Paints are sold by Brown & Ferrin, Potsdam, and Finney & Tucker, West Stockholm. 87-88

When Capt. Cook first visited the island of Tahiti, the natives were using nails made of wood.

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The Three-Week World long ago established itself in public favor, and it is now recognized as the strongest publication of its kind in the United States. Advertisers and publishers seeking circulation combinations, and they know best, universally testify to this. It is widely circulated in every State and Territory of the Union, and even in remote South Africa and on the gold fields in the deserts of Australia. These are the things that tell.

Next year we have the Presidential campaign; in which all Americans are deeply interested. Already the issues are being discussed and the two great parties are preparing for the first move. You will not want to miss any details, and if you subscribe now, your year's subscription will cover the campaign from beginning to end.

The Three-Week World is absolutely fair in its political news. Partisan bias is never allowed to affect its news columns, and Democrats and Republicans alike can obtain in its pages truthful accounts of all the great political contests.

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The Three-Week World's regular subscription price is only \$1.00 per year, and this pays for 104 papers. We offer this unequalled newspaper at the Standard and Freeman together one year for \$1.65. The regular subscription price of the two papers is \$2.00.

The year 1903 added 5,728 miles to the mileage of railroads in this country.

LEARNED THE LESSON. A good joke was played on the girls recently by the young men of a certain town. The boys had been reading the news in their situations, and the girls decided to show their independence. Consequently five of them hired a box at the theater and made a very charming party.

The play was "Wanted, a Husband," and the girls sat serene through it all, never dreaming that the enemy—had dressed one of the posters, "Wanted, a Husband," round the box so that the audience might read.

To Cure a Cold in One Day. Take Laxative Bromo Quinine Tablets. All druggists refund the money if it fails to cure a cold. W. F. Grove's signature is on each box. 25c

EVERYTHING AT COST

Until March 1st.

Now Is Your Time to Save Money on Dry Goods.

W. M. Orne.

The UNIVERSAL BREAD MAKER ...and RAISER...

Mixes and Kneads Bread thoroughly in Three Minutes.

Without putting hands to the dough..... EASY TO OPERATE. EASY TO CLEAN.

Sold by **FREDERIC A. WEBB, Potsdam, N. Y.**

IF this weather Ever Breaks Coughs and Colds will be thicker than grasshoppers in August.

WHEN

You get a cough don't forget that I have all the leading **Cough Remedies** ranging in price from Five Cents to One Dollar.

GEO. E. WILLMARTH, IVES BLOCK, Market St., POTSDAM, N. Y.

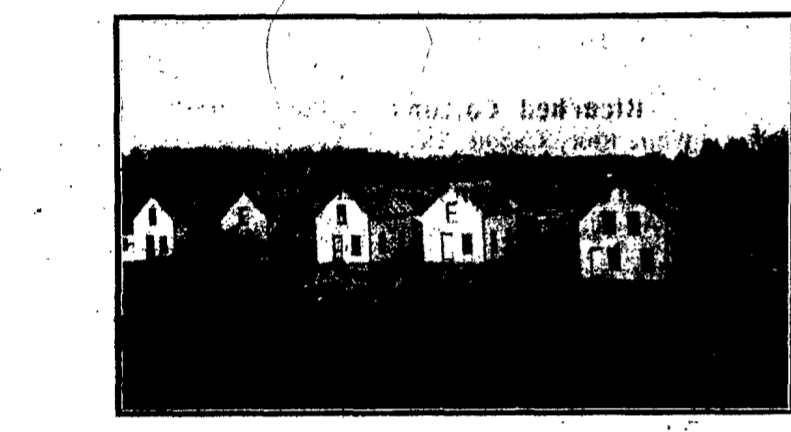
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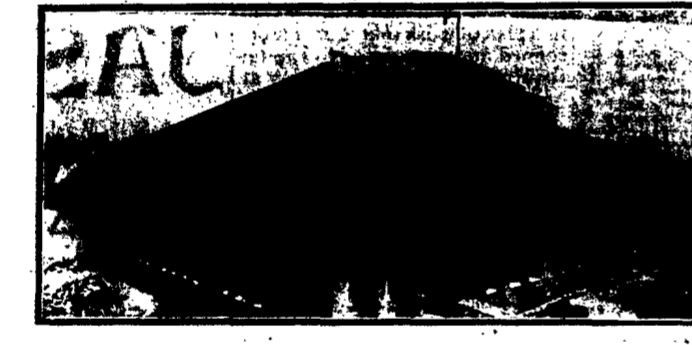
Weston's Book Store.



HOUSES OF THE DEGRASSE PAPER CO'S EMPLOYEES



THE RAILROAD BRIDGE ACROSS THE GRASSE RIVER.



THE NEW PAPER MILL, BUILT OF CONCRETE AND STEEL.

may, have an adequate idea of the great work that has been accomplished by a few enterprising men in this line of industry, and this lack of appreciation of great enterprises in our midst is most evident in the case of the DeGrasse Paper Co. at Pyrites. Rising from the ruins of the old Pyrites Pulp Co. a few energetic men have quietly succeeded in erecting one of the finest pulp and paper plants in this country, and one which possesses advantages and characteristics which have no parallel in the world.

The striking advantages which nature has provided for the manufacture of pulp and paper at the point in the Grasse river now known as Pyrites, were discovered several years ago, and a pulp plant was erected as a cost of some \$250,000.

For various reasons the project was not a profitable one and the company suffered the further misfortune of a fire which destroyed the mill. But some of the men interested in the business were not daunted and in 1899 a new and strictly modern sulphite pulp plant was erected, 250 feet long and 50 feet wide, equipped with four digesters and furnished with the best and latest equipments for the manufacture of sulphite and ground wood pulp.

The advantages which nature provided for the manufacture of pulp and paper here, were many. The basis of all paper is sulphite pulp and to make it, the manufacturers must use sulphur which is imported from abroad at a large expense. This sulphur is obtained from what is known as pyrites ore, and this is where nature stepped in to help this company. On the lands owned by this corporation are vast and practically unlimited deposits of rich pyrites ore which can be burned at a small expense and the sulphur thus obtained can be used on the spot in the manufacture of sulphite pulp, thus enabling this company to save thousands of dollars yearly in the item of sulphur stone. This pyrites deposit, being more than 200 feet deep, can ever use afford, then a further revenue, as it is being extensively mined and sold to other paper manufacturers at a

known as the DeGrasse Paper Co, issuing \$500,000 in stock and authorizing a bonded indebtedness of \$300,000, thus making an investment of \$800,000. Mr. L. G. DeCant, a capitalist of Watertown became impressed with the possibilities in the venture, and to his assistance in financing the scheme is due the present success of the enterprise. Mr. L. F. Lehr of Carthage and Messrs. E. A. Everett and Mr. H. F. Drew of Potsdam, who are members of the new company, have devoted their time and attention assiduously to the work of construction, and under their energetic management, a splendidly

world having its own mine of pyrites ore right at its doors.

To get the products to market this company has constructed a railroad three miles long, connecting with the N. Y. Central R. R. at a point about half way between Canton and Dekalb. A station will be erected at this junction to be called "Everett" in honor of Mr. E. A. Everett under whose direction the railroad was built.

This work includes a bridge over the DeGrasse river 140 feet long and some 800 feet of trestle work, and represents a total expense of about \$50,000. Although the

gratifying success are of the brightest. The treasurer, L. F. Lehr, who made such a success of the management of the Malone Paper company, is on the ground and in active charge of the work.

There are 120 men employed on the mill job alone. When the mill is started, over 250 hands will be employed in the several departments and lines of work.

A Chicago man recently told a group of men interested in real estate who have gone wrong that the best school of crime was the street.

There may be times when the lot of the farmer is hard and anxiety, but most of them are content.

Housekeeper—Half the things you wish are torn to pieces.

Washerwoman—Yes, mum, but when a thing is torn to two or more pieces, mum, I only charge for them as one piece, mum.

No doubt we ought to love our work, but sometimes it seems about in the same category with loving our enemies.—Puck

Prejudice squints when it looks and lies when it talks.—Abrantes.

Work was commenced on the road early in July and was completed in November. The company has contracts covering 30,000 acres of timberland in the Adirondacks which will produce 150,000 cords of pulp wood, a supply sufficient to last many years. In addition to this they also have 4000 cords piled up in the yards. These contracts were made and the wood brought in by Mr. Everett before the advance in price went into effect, another great advantage for the new company.

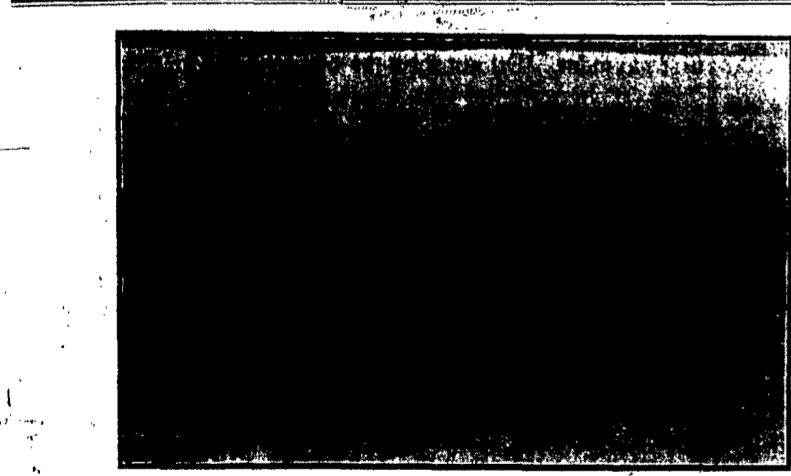
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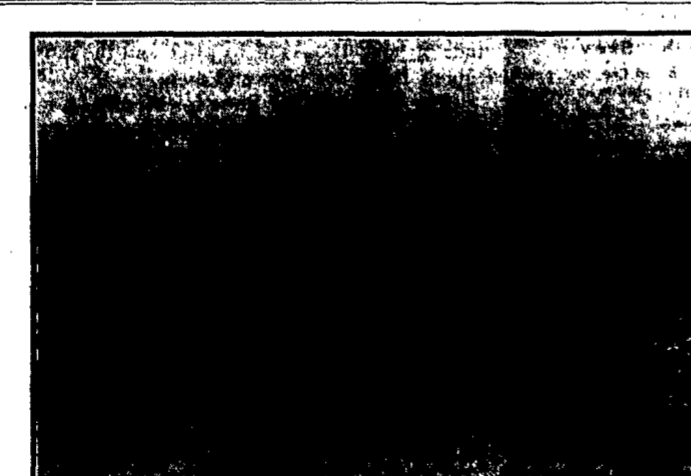
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When night came on Lord, wasn't it cold! I had on four undershirts, a heavy sweater, two coats, two pair of heavy woolen blankets and still I suffered all night with the cold to say nothing about the other miseries. The poor pack animals had no shelter and went forty-seven hours without food or water. Men or beast seemed to want no food while on top.

The floor of this great crater showed many rivers of fire at night. It flowed out the cone, this molten lava, innocently. Such mighty grandeur is beyond the reach of my pen to describe. We had those among us who had been to Vesuvius many times but said it wasn't a candle



VIEW OF PAPER AND PULP MILLS AND ONE OF THE COMPANY'S HOUSES.



THE SULPHITE PULP MILL, SHOWING 5000 CORDS OF PULP WOOD.

handsome profit.

The water power provided for use in turning the wheels of the mill, is another splendid natural advantage, as the Grasse river at this point gives them an 85 foot head. This water is conducted to the power plant in two immense steel penstocks, one of them being 4 1/2 feet in diameter, and the other ten feet in diameter, developing in all about 5000 horse power.

And further than this the natural contour of the land was perfectly adapted to the needs of a paper and pulp plant and facilitated the erection of buildings which can be used to the greatest possible advantage.

About a year ago, Hon. James A. Outerson

machines. The new paper mill, as stated before will be of 50 tons daily capacity. The heater room is 70 feet wide by 150 long and two stories high; the ground wood mill being in the basement, with a capacity of 30 tons a day. The machine room is 70x225 feet, two stories, and the finishing room, 70x100 feet, with a railroad track running into it to admit loading with the least possible labor. The boiler room is 40x135 feet and the heater room 20x80 feet. There is also a concrete coal pit, 20 feet wide, 136 feet long and 90 feet deep with a trestle above, from which coal cars can be unloaded directly into the pit. All these buildings are of steel and concrete

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