DEVELOPMENT OF QUARTZ

Will be Extensively Gone Into by the Munger Syndicate, Which Is Prepared to **Expend Millions of Dollars in Klon**dike Mining-Stamp Mill Is Already in Operation.

interests are settled in this territory, there is every reason to believe the actual as well as prospective, for ore bodies of the country are of the some time, and while there have been right character and the future of the numbers pessimistically inclined who camp is in a measure assured. This have not hesitated to venture the same body of men has been closely opinion that the camp and district in associated in mining for over twenty past the age of babyhood, and that big for them to embrace. Their venare but in their infancy, scarcely there is no proposition of merit to by the hydraulic miner are pointed

munity; he has came unknown to all given his confidence, but he has come with a specimen of quartz in his medium of the reduction of ores. pocket was somewhat of a curiosity, and when he talked of leads, dykes, walls, true fissures and primary formations his words fell upon ears more accustomed to hear of pay- readers the first authenticate account the piston rod, amounting to an those quiet, "peace on earth, good Others followed in his footsteps until today there is scarcely a ridge or colossal magnitude. The today there is scarcely a ridge or colossal magnitude. hill whose surface has not been trampled over by the searchers after a the reference made to it in the but 300 pounds. Each piston in its told him to be careful in future libagold bearing lead. Many have had future tense, as those most heavily travel toward the top of its cylinder tions and let him go. their diligence and perseverance re-warded by making discoveries of an dike from a quartz standpoint have opposite position, the movement of with their stakes planted and their company nor have they a name. They anism and moves the valve to its locations recorded came the question, have simply made up a 'jack pot,' the valve cutting off the admission of the locations recorded came the question, have simply made up a 'jack pot,' the valve cutting off the admission of the locations recorded came the question, have simply made up a 'jack pot,' the valve cutting off the admission of the locations recorded came the question. what can I do with it?" The average prospector is not a man of a in developing his property to such an extent that it is given a tangible extent that it is given a tangible value the chances are that he will enough is known to them that unvalue the chances are that he will less all signs utterly fail, there is holding the stamp up to be expanded the hatchet and in attempting to have to sell an interest in his claim less all signs utterly tall, there is holding the stamp up to be expanded chop with it, struck the index finger today opportunities in this region around the piston to its upper side, in order to secure the wherewith to buy a mill. In the Klondike as in all mining countries, there are doubtless hundreds of promising mining claims today opportunities in this region around the piston to its upper side, of her sister's left hand, severing it which in their opinion have never been excelled by any other locality in the knuckle. A physician was called the world. A word concerning the getically assist the 300 pound stamp hundreds of promising mining claims in the hands of persons who are unable to expend the thousands of dolin the hands of persons who are unable to expend the thousands of dollars necessary to develop their properties into paying and salable mines, and who do not feel justified in undertaking the erection of a five or ten-stamp mill, knowing, as they do, that the first cost of such machinery is only a good start toward the installation of the mill ready to run—it being a fact that the cost of erection is often more than twice erection is often more than twice that of the cost of the machinery. In the event of a disappointment in meeting expectations in development, such a pleat would be year larged. And such is the class of has been struck is passed into the atmosphere. This arrangement makes it possible to use the steam expandevelopment and reduction of Klonsing effect with each drop of the 300 patrick. such a plant would be very largely a As the easiest handled and least ex- pound stamp as would be secured

or not.

hold of their properties and make of the severe cold of the winter will \$ STOVES AND ROAD HOUSE RANGES. them what they are today. It would possess no terrors. A well 16 feet seem, then, that when such men as deep has been sunk beneath the

The "life" of the Klondike as a Fairbanks, Morse, Fraser, Gates, possibilities yet to be made apparent or exhaustive newspaper interviews, yet within the past four months the of which is little dreamed of. Ex- various ways over a HALF descent. The mill stands 7 feet 6 perts with years of experience and MILLION DOLLARS in cash, to say who are thoroughly conversant with nothing of the amount represented by the subject have made the unqualified working bonds taken on various statement that upon Bonanza creek claims which they are developing as gravel to keep a half hundred Little Glib tongued brokers and "hot air" withstanding the constant mounding Giants in operation continuously for quartz kings are often prone to talk of the stamps. The mill may be said thirty years. But it is of quartz in any easy manner of hundreds of to be entirely self-contained and that the following article deals with, thousands and millions of dollars briefly may be described as consisting the source, the very fountain head with the same equanimity one would of two stamp stems, the upper ends from which has come the millions of speak of a five-or ten dollar transactor which terminate in pistons workgold the auriferous gravels of the tion, but that kind of talk don't ing in cast iron cylinders after the Time and laid away on theshelf of mails Klondike have already produced. build stamp mills, sink shafts, drive manner of the steam engine. These Eternity and Monday morning found It is only within the past year or tunnels, or hire skilled labor at pistons are turned out of the solid the lonesome bench at police court that there was anything singular make but one more round trip each about it—that is, hadn't I ought to this season. The Flora should arrive this season. The Flora should arrive this season. The Flora should arrive this season. made his presence known in the com- lions who is necessary to drag. the are 51 inches in diameter, and are billious appearing individual who has have received at least one of the four save a very few to whom he has fastnesses and without him brawn and making them steam tight. The pis- long to regulate his hootch gauge. to stay. A few years ago the man in enriching the world through the stuffing boxes are four inches in Dawson Saturday afternoon on the

quartz contains, and while their in- its mate, at the same time connect- inently in what they were doing. vestment so far may be said to be ing the top and bottom ends of the The exact manner in which the

fixture, and would very probably pensive class of ore to work is that stand as a monument in evidence of of the free milling variety, so the failure, because the money spent in first experiments of the company of being limited to about 90 drops ertson, W. W. White, F. C. Crisps its erection would be necessarily lost are in the treatment of that charac- per minute, as with the gravity attend a special months of the company its erection would be necessarily lost are in the treatment of that charac-in moving the machinery to other ter of ore. The plant, a brief notice stamp, with the Tremaine mill it is tainment committee, Zero Club, tomines, where possibly the same ex- of which appeared in these columns a possible to obtain a speed of 200 or night at 9.30 perience would have to be repeated. few weeks ago, is now installed upon more drops per minute of each stamp In at least one respect the Klon- a tract of fand which the company and it will be quite obvious that the 1t. dike is being singularly favored, a has secured lying on the left limit of crushing capacity must be correfact that is known to but very few, the Klondike river about 200 yards and which should bring joy to every below the Ogilvie bridge. There is resident in the Yukon territory, adequate room for the various buildwhether directly interested in quartz ings employed and for such expansion as may be necessary in the future. Capital, so necessary to place The mill building is 30x30 in size Capital, so necessary to place with an annex 6x24, which will be a sequence of the sequence of proverbially shy of new fields and occupied by the ore crusher, one of

solidly timbered and made steam spondingly increased. The capacity tight, and from this source will be of the mill varies greatly according derived the supply of water necessary to the character of the ore and the not alone for the boilers, but also size of mesh in the screens used. Ore did success considered both from a for the stamp battery. There are that is friable and partially decomtwo separate and distinct engines and posed is much more quickly reduced two boilers. One of the latter is an to a pulp than that which is hard operates a 5 horsepower friction quartz, using a 40 mesh screen, the more occupants than could well be achoist used to elevate the ore to the mill will handle from 8 to 18 tons in commodated. hopper and also supplies live steam 24 hours, the power required being for heating purposes. A pipe leads from 7 to 10 horsepower, according to into the well which in extreme cold the speed at which the mill is run, weather will keep the water at an and fuel needed but one cord of two sisters, but at the conclusion of even temperature. Another pipe per- wood. The water required for both the program the audience still insistforms a like service in the reservoir the boiler and mill is 11 miner's ed upon another encore and the little placed near the top of the building inches, equal to about 800 gallons battery and apron flows by gravity. Tremaine mill say it is an excellent The same boiler also operates a Du- amalgamator. The mortar is pro- knowledgment. ance has been a subject which has with quartz properties and their do agitated the minds of those whose interests are settled in this territory with quartz properties and their devalues and their devalues are settled in this territory. 2 inch discharge, which pumps the lieu of the inside coppers used in the ture and sufficient variety was given turned into the covered tail race always in sight, and are a perfect inthrough which the tailings are car- dex of the conditions inside the morried out into the Klondike some 35 tar. The screening capacity of the or 40 feet distant. Within the race is mill is relatively large, there being loma improvised most beautifully an ingeniously contrived trap which about 549 square inches, of screens from a theme furnished by Mr. H. U. general has seen its best days, there associated in minning for over twenty while allowing the free passage of the used in the mortar as against 475 while allowing the free passage of the used in the mortar as against 475 while allowing the free passage of the used in the mortar as against 475 while allowing the free passage of the used in the mortar as against 475 while allowing the free passage of the used in the mortar as against 475 while allowing the free passage of the used in the mortar as against 475 while allowing the free passage of the used in the mortar as against 475 while allowing the free passage of the used in the mortar as against 475 while allowing the free passage of the used in the mortar as against 475 while allowing the free passage of the used in the mortar as against 475 while allowing the free passage of the used in the mortar as against 475 while allowing the free passage of the used in the mortar as against 475 while allowing the free passage of the used in the mortar as against 475 while allowing the free passage of the used in the mortar as against 475 while allowing the free passage of the used in the mortar as against 475 while allowing the free passage of the used in the mortar as against 475 while allowing the free passage of the used in the mortar as against 475 while allowing the free passage of the used in the mortar as against 475 while allowing the free passage of the used in the mortar as against 475 while allowing the free passage of the used in the mortar as against 475 while allowing the free passage of the used in the mortar as against 475 while allowing the free passage of the used in the mortar as against 475 while allowing the free passage of the used in the mortar as against 475 while allowing the free passage of the used in the mortar as against 475 while allowing the free passage of the used in the mortar as against 475 while allowing the free passage of the used the free passa metrically opposite, and declare that orado, enjoyed. They own mines in the Valor the the Yukon, the Klondike and Dawson every section of the country and lar locomotive type and will supply plished by the steam driven stamps of the country and lar locomotive type and will supply plished by the steam driven stamps of the country and lar locomotive type and will supply plished by the steam driven stamps of the country and lar locomotive type and will supply plished by the steam driven stamps of the country and lar locomotive type and will supply plished by the steam driven stamps of the country and lar locomotive type and will supply plished by the steam driven stamps of the country and lar locomotive type and will supply plished by the steam driven stamps of the country and lar locomotive type and will supply plished by the steam driven stamps of the country and lar locomotive type and will supply plished by the steam driven stamps of the country and lar locomotive type and will supply plished by the steam driven stamps of the country and lar locomotive type and will supply plished by the steam driven stamps of the country and lar locomotive type are locomotive type and lar locomotive type and lar locomotive type and lar locomotive type and lar locomotive type are locomotive type. lar, locomotive type, and will supply plished by the steam driven stamps a much greater agitation of the pulp in the ultimate greatness of the territure in the Klondike was only made tory as one of the foremost mining after an exhaustive and careful exthe latter being also yet to arrive. made available for the discharge of The mill is of the Tremaine type, the the pulp. The speed of the mill is inevitable as the rising of the sun in few weeks ago. Their advent here the east. In support of the theory the east. In support of the theory was quiet and unostentatious, withadvanced by the latter class, the out any noise, flourish of trumpets, does the work being that steam sundanced to the minute of each stamp. plements the use of the cams in rais- with 80 pounds, 180 drops; with 100 ing the stamp and the weight in its pounds, 200 drops. inches in height and rests on a solid block of wood 22x24 inches, which is sunk in the ground 16 feet, the lower DISTRESSINGLY

end standing on a mud sill 12 inches

thick, 16 inches wide and 6 feet long,

Police Have Little to Do These the clerk Quiet Days.

Another Saturday and Sunday have pistons are turned out of the solid the lonesome bench at police court golden sheckles from the mountain fitted with three sets of piston rings, not yet been in Dawson sufficiently or five orders he claims to have muscle would make but slow progress ton rods which pass through the The individual in question arrived in might call it a singular case. diameter, and the steam pressure Seattle No. 3 from St. Michael and after a silence, "would you say that Through the kindness and courtesy which is admitted under the piston to at once proceeded to celebrate his ar- I was justified in believing of Mr. Edward Spencer, who is rep-raise the stamp is confined to an rival which would have been all right Thomas is a liar and that when he resenting the Munger syndicate, the area which is due to the difference be- had his gauge been regulated, but it Nugget is today able to give its tween the diameter of the piston and wasn't. However, as it was one of of the beginning of what will doubt annular ring about three-quarters of will towards men drunks, and in view clerk, "you must pardon me, but the poration is used advisedly as is also stamps, the total weight of which is offender, imparted some kindly advice, cial

Distressing Accident

A distressing accident occurred yes

E. J. FITZPATRICK, Chairman

We fit glasses. Pioneer drug store.

financial and an artistic standpoint.

program aside from the playing of the girls were brought before the curtain

"Yes. ma'am. "My husband is in Buffalo."

'Well, perhaps,' cautiously replied

"No. ma'am.

"Madam,

said as she turned away. United States has nothing to do with my Thomas, but his Susan has, and RECEIVED BY WIRE.

two boilers. One of the latter is an upright 12 horsepower boiler, which land flinty. With the average gold filled and the boxes and balcony had horsepower boiler, which land flinty. With the average gold filled and the boxes and balcony had operates a 5 horsepower friction quartz, using a 40 mesh screen, the more occupants than could well be acin Parliament at Next Session-Prefers an Export Tax to Present Royalty System-Favors City Incorporation.

missioner for the territory must first views

between the sistes which brought for thinks parliament will not insist that movement. the Yukon must show 25,000 people As to the assistant gold comme

"You don't think the carrier steals zen. the other letter each week, do you? ontinued the woman.

'And can they be lost in the

"That's all right, all right," she

Skagway, Sept. 30 .- In a brief con-reason why it should not then be versation with your correspondent be- grafited. Governor Ross re-affirms his believe

littlt ladies in a most satisfactory Horse Saturday morning, Governor of the present royalty tax, but own J. H. Ross said regarding representa- to his official position he declines to tion from the Yukon in parliament say whether or not he presented to that the returns of the census com- views at Ottawa, or whether sac

be made before any advance can be The concluding number was a duett made looking to representation. He

> for each representative, for owing to sioner, Governor Ross says Mr be the geographical position of the was suspended pending investigate country it is not expected that the of charges of irregularity of allo Yukon can get just representation No malfeasance of office has bethrough members from adjacent, but charged.

Wil would just like to make an in- at the same time distant, provinces. Governor Ross is at present a quiry," she said at the general de- Governor Ross is greatly in favor of joying the very best of health, as livery of the postoffice the other day. Yukon representation, and while there has apparently revived greatly has is no hope of getting it before the the shock produced by his recent renext session of parliament, he saw no bereavement.

but only one of them reaches me. In if you feel this building jar some Seattle No. 4, Captain Dupar that one he tells of sending me antime within the next two weeks you master, arrived noon Saturday how other with a money order in it. Isn't may know that he has got home and St. Michael with 250 tons of here it strange that I never get the money has been telling me that the rats on the steamer and 357 on the bar

ALONG THE WATER FRONT.

The Ora left at 3 o'clock Saturday afternoon for White Horse, with 54 passengers. According to present may be rozen in on the lower new schedule the Calderhead boats will The Seattle No. 3 and barge will today and will leave sometime tomorrow. She will be down again, as will also the Nora. The Ora will probably be the last of the line to comfortably heated. Hot air comportably be the last of the line to comfortably heated.

Seattle No. 3, with barge view, Julian Blaker, prop.

must have eaten up those ten dollar st. Michael was left September 1, a money orders he sent me to pay my way in his absence."—Brooklyn Citi-still waiting for their cargoes, who are being brought from the States in Sullivan was much er ercised over the delay and fears that

Light fail to get away before So tember 15 there is a chance that the winter in the slough opposite Klos

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accompanied ters Gordon day. They we a large numbe sonal friends, and whole son turn. Never I connected wit affairs of the as Governor R made all the whose right ha and loyalty he

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his trip to the

Shamrock

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