The location of a mining claim in the Cripple Creek district which has an area not greater than that of a circle having the radius of the value of those fractions. The Cripple Creek claim referred to is known as the New Discovery. The area of this claim is 0.114 square miles. The location was made for the Straton Cripple Creek Mining & Development company. It will cost upward of $750 to do the necessary mining work for patent, grading, surveying, advertising, etc. at this rate a full size claim of about 2 acres would amount to a value of $54,000. This claim, if patented will, we believe, be the mother lode of the district. The department of the interior.

These small claims and fractional claims are sometimes of immense value. Take the famous Minnie Heyl Heyl, of Butte, Montana, which, at the present time will give rise to more litigation than any single location in the United States. The injunctions alone given against this property must nearly be numbered. Yet it is only a short distance above the fifty regulation size of a Montana mining claim. The area of this claim is about 20.23 acres; the Minnie Heyl has only 4.91.

This small claim is controlled by F.A. Heinz, but the interests in it are very much divided. There was recently filed in Butte a certificate of incorporation for the Mountain Mining company with 1,000 shares of $100 par value. The sole assets of this company is a one fifth interest in the Minnie Heyl. Let us see what this interest actually amounts to.

The Minnie Heyl claim has an area of about 182,925 square feet, or, if rectangular, would be slightly over 4,330 feet. One-fifth of this would be about 3,600 feet, or, say, 600 acres. One of the incorporators of the company having four shares in the company. His share in the claim would be about 2146 feet.

Many will recall the famous Allen claim near the Morning glory City of McKinney's hill. The Allen is a very small fraction in the Cripple Creek district and yet, because of its formation, in the apex of a valuable area almost entirely owned by and in the Mary McKinney's hill. Those owners have controlled the Mary McKinney in heavy damages.

Another Cripple Creek fraction is the Le Clairs, which produced over $100,000. These unconsidered trifles prove to be enormously valuable. -Mining Reporter.

AUSTRALIA GIVES ADVICE TO ITS MINES

The report of the Australian department of mines is well worth study, not merely for the information it gives directly as to the conditions of mining in the state, but also for the information that it gives indirectly.

One of the most striking features of Western Australian mining is the scientific organization created by the state to foster its mining industry. The department of the government that deals with the mining industry is headed by one of the most important state officers, who is known as the minister for mines. In addition to this office there is an under-secretary of mines, who is also quite an important official. In addition to these officers there is a state mining engineer a government geologist; inspector of explosives; inspector of boilers; superintendent of government stamp duties; a school of mines and an engineering school for mines water supply. All these officers have proper assistants, and they make annual reports as to the work that they have accomplished each year. Innumerable as the work done by the various departments have been and very business like, as the reports of the heads of the departments are calculated to benefit its great industry. -Mining Reporter.

THE NATIONAL BANKER

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