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*Checked by O.H.P.  
3/26/06*

*Feb 23 1906*

*Feb 24 1906*

(4-683.)

Mineral Survey No. 2213

Lot No. \_\_\_\_\_

ARIZONA Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

~~THE~~ Rattan Mining Co.

KNOWN AS THE

R U T H

San Francisco Mining District.

Mohave County, Arizona

Section Approx, Township 20 N, Range 20 W, unsurveyed.

Surveyed under instructions dated February 12th, 1906

by P. McCardell

*U. S. Deputy Mineral Surveyor*

Claim located September 15th, 1888

Survey commenced February 23rd, 1906

Survey completed February 24th, 1906

o 6-171

*Post office address of applicant:*

*John Boyle, Jr. President  
Kingman, Arizona*

## S U R V E Y 2 2 1 3

## R U T H

Ft.

Beginning at Cor. No. 1

A redwood post 4 ft. 3 ins. long, 4 ins. square, set 18 ins. in the ground, with mound of stone, scribed 1-2213, whence

A cross (x) and B. R. 1-2213 chiseled on a porphyry rock one ft. above the general surface, bears S. 14° 05' W. 18.87 ft., no other bearing objects available.

Cor. VII Rattan, Lot No. 39 bears S. 59° 44' E. 479.9 ft. S. W. Cor. of Moss House bears S. 76° 30' E. 415.4 ft. S. W. Cor. Lot No. 37, California Moss, bears N. 46° 31' E. 644.25 ft.

U. S. M. M. No. 1 bears N. 36° 50' E. 559.7 ft.

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Thence N. 81° 35' E.

Va 13° 48' E.

374 Wash, drains S. 40° E.

739 Road, course N. and S.

1500 To Cor. No. 2

A redwood post 4 ft. 3 ins. long, 4 ins. square, set 18 ins. in the ground, with mound of stone, scribed 2-2213, whence

The S. E. Cor. of California Moss, Lot No. 37 bears S. 79° 50' E. 445.8 ft., no other bearing objects available.

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Thence S. 8° 25' E.

Va. 14° 40' E.

40 Wash, drains S. 45° W.

300 Intersect lode line whence initial monument bears S. 81° 35' W. 750 ft., Discovery Cut bears S. 81° 35' W. 1180 ft.

Ft.	
600	<p>To Cor. No. 3</p> <p>A redwood post, 4 ft. 3 ins. long, 4 ins. square, set 18 ins. in the ground, with mound of stone, scribed 3-2213, whence</p> <p>A cross (x) and B. R. 3-2213 chiseled on a porphyry rock 3 ft. above the general surface, bears N. 7° 03' W. 64.5 ft., no other bearing objects available.</p>
	<hr/> <p>Thence S. 81° 35' W.</p> <p>Va. 19° 09' E.</p>
433	Wash, drains S. 20° W.
833	Wash, drains South, road course N. and S.
1164.53	<p>Intersect line 5-6-7 Lot No. 39 at S. 0° 59' E.</p> <p>302.55 ft. from Cor. No. 7 and N. 0° 59' W.</p> <p>297.39 ft. from Cor. No. 5.</p>
1500	<p>To Cor. No. 4</p> <p>A redwood post 4 ft. 3 ins. long, 4 ins. square, set 18 ins. in the ground, with mound of stone, scribed 4-2213, whence</p> <p>A cross (x) and B. R. 4-2213 chiseled on a porphyry rock 1.5 ft. above the general surface, bears N. 45° 39' E. 52 ft., a cross (x) and B. R. 4-2213 chiseled on a porphyry rock 2 ft. above the general surface, bears N. 0° 15' E. 80.54 ft. Cor. No. 5 Rattan, Lot No. 39 bears S. 53° 37' E. 418.5 ft.</p>
	<hr/> <p>Thence N. 8° 25' W.</p> <p>Va. 15° 29' E.</p>
300	<p>Intersect lode line whence discovery cut bears N. 81° 35' E. 420 ft. initial monument bears N. 81° 35' E. 750 ft.</p>

Ft.  
 352.42 Intersect line 7-1-2 Rattan, Lot No. 39 at N. 89° 33' E. 1111.94 ft. from Cor. No. 2 and S. 89° 33' W. 378.26 ft. from Cor. No. 7.  
 600 To Cor. No. 1 the place of beginning.

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Containing - - - - - 20.661 Acres  
 Less area in conflict with Lot.No.39 - 2.670 "  
 Net area claimed - - - - - 17.991 "

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This survey is identical with the location.

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L E D G E

The general course of the ledge is N. 81° 35' E. *1180 ft*  
 and S. 81° 35' W. *420 ft. from Dis. Cut.*

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Lines 2-7 and 5-7, also tie line from Cor. No. 7 Rattan, Lot No. 39 to U. S. M. M. No. 1 are considerably in error.

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The excessive variation found at Cor. No. 3 is unexplainable.

EXPENDITURE OF FIVE HUNDRED DOLLARS

I certify that the value of the labor and improvements upon this claim, placed thereon by the claimants and their grantors, is not less than five hundred dollars, and that said improvements consist of:

*No. 1* The discovery cut, the center of which bears from Cor. No. 1 S. 62° 53' E. 516.1 ft., 70 ft. long, 4 ft. wide, 10 ft. deep, in quartz

Value \$ 500.



No. 2. Tunnel No. ~~X~~, the mouth of which bears from Cor. No. 4 N.  $51^{\circ} 27'$  E. 600 ft. running S.  $83^{\circ}$  W. 60 ft.  
Value \$ 420.

No. 3. Tunnel No. ~~X~~, the mouth of which bears from Cor. No. 4 N.  $55^{\circ} 27'$  E. 700 ft. running N.  $81^{\circ}$  E. 10 ft.  
Value \$ 70.

No. 4. Shaft No. ~~X~~, which bears from Cor. No. 3 N.  $73^{\circ} 04'$  W. 769 ft., 4 x 6 ft. 30 ft. deep  
Value \$ 270.

#### OTHER IMPROVEMENTS

Shaft ~~No. 2~~, which bears from Cor. No. 3 N.  $62^{\circ} 10'$  W. 400 ft. 4 x 6 ft. 40 ft. deep, claimant unknown.

Shaft ~~No. 3~~, which bears from Cor. No. 3 N.  $53^{\circ} 20'$  W. 302 ft. 4 x 6 ft. 50 ft. deep, claimant unknown.

The Moss House, the S. W. Cor. of which bears from Cor. No. 1 S.  $76^{\circ} 30'$  E. 415.4 ft. 36 x 70 ft. course of long side N.  $23^{\circ}$  W.

#### INSTRUMENT

This survey was made with a Buff and Berger No. 2 Transit. The courses were deflected from the true meridian as determined from observation on Polaris. The distances were measured with 50-ft. and 500-ft. steel tapes.

#### Location

This claim is situated & located in the San Francisco Mining District, Mohave Co. Ariz. approx. T 20 N. R 20 W. G. S. R. B. T. M. unsurveyed.

#### Adjoining Claims

There are no known adjoining claims, except the Patton lot No 39, which conflicts on the West. The California Moss lot No 37 lays to the North but does not adjoin.

# FINAL OATHS FOR SURVEYS.

## LIST OF NAMES.

A list of the names of the individuals employed by P. McCordell

United States Deputy Mineral Surveyor, to assist in running, measuring, and marking the lines, corners, and boundaries described in the foregoing field notes of the survey of the mining claim of The Rattan

Mining Company  
known as the Rath

and showing the respective capacities in which they acted.

Edgar H. Harrison, Chainman.

....., Chainman.

Marion Derrick, Axman.

....., Flagman.

## FINAL OATHS OF ASSISTANTS.

We, Edgar H. Harrison

and Marion Derrick, do solemnly swear that we assisted Peter McCordell

Cardell, United States Deputy Mineral Surveyor, in marking the corners and surveying

the boundaries of the mining claim of The Rattan Mining Company

known as the Rath

represented in the foregoing field notes as having been surveyed by said deputy mineral surveyor and under his

direction; and that said survey has been in all respects, to the best of our knowledge and belief, faithfully and

correctly executed, and the corner and boundary monuments established according to law and the instructions

furnished by the United States Surveyor-General for Arizona

Edgar A. Harrison, Chainman.

....., Chainman.

Marion Derrick, Axman.

....., Flagman.

Subscribed and sworn to by the above-named persons before me this 24<sup>th</sup>

day of February, 1904.

Ross H. Blakely  
Clerk of the District

By Peter McCordell  
Deputy Clerk

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, Peter McBardell, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated Feb 12<sup>th</sup> 1906, I have, in strict conformity to the laws of the United States, the official regulations and instructions thereunder, and the instructions of said Surveyor General, faithfully and correctly executed the survey of the Mining Claim of Rattan Mining Company, known as the Ruth situate in San Tuncunen Mining District, Mohave County, Arizona, in Section approx, Township No. 20N, Range No. 20W and designated as Survey No. 2213, as represented in the foregoing field notes, which accurately show the boundaries of said mining claim as distinctly marked by monuments on the ground, and described in the attached copy of the location certificate, which was received by me from the Surveyor General with said instructions, and that all the corners of said survey have been established and perpetuated in strict accordance with the law, official regulations and instructions thereunder; and I do further solemnly swear that the foregoing are the true and original field notes of said survey and my report therein, and that the labor expended and improvements made upon said mining claim by claimant or ~~the~~ its grantors are as therein fully stated, and that the character, extent, location and itemized value thereof are specified therein with particularity and full detail, and that no portion of said labor or improvements so credited to this claim has been included in the estimate of expenditures upon any other claim.

Peter McBardell  
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said Peter McBardell,  
U. S. Deputy Mineral Surveyor, before me a Clerk District Court  
in and for Mohave County, Arizona this 28<sup>th</sup>  
day of February, 1906.

Ross W. Blackely  
Clerk District Court.



Affidavit of Five Hundred Dollars Improvements.

We, Edgar A Harrison and Marion Derrick

of lawful age, being first duly sworn according to law, depose and say: That we are acquainted with the

Ruth mining claim, situate in San Francisco

mining district, Mohave County, Arizona Territory, for which The Rollan

Mining Company

has made application for survey prior to application for patent under the provisions of the Act of Congress

approved May 10, 1872; and that the labor done and improvements made thereon by the applicant and

the grantor exceed five hundred dollars in value, and further that we are not personally interested

in said mine.

Edgar A Harrison  
Marion Derrick

TERRITORY OF ARIZONA,  
COUNTY OF Mohave } ss:

Sworn to and subscribed before me this 24<sup>th</sup> day

[SEAL.]

of February, 1906.

11786b400-2-04

Rose H Blakely  
Clerk of the District Court  
By Peta McCardell Deputy Clerk

RUTH

San Francisco District.

## Notice of Location

Know all men by these presents. That we the undersigned have this day located fifteen hundred (1500) linear feet of this Vein Or Lode, bearing precious metals, with all dips, spurs, angles and Variations with surface ground three hundred (300) feet on each side of the Center of Vein, with all mineral deposits contained therein and all timber growing within the limits of said Claim, and all water and water privileges thereon or appurtenant thereto, under and according to the provisions of the United States Mining laws, under which it is located. This Claim Commences at this monument and notice placed upon the ledge, and runs 750 ft feet in an Easterly direction and 750 ft feet in a Westerly direction along the ledge. The Exterior boundaries are as follows, towit, Commencing at a monument of stone on South boundary line distant three hundred (300) feet in a Southerly direction from discovery monument, thence in a westerly direction parallel with the ledge 750 ft feet to monument of stone at S.W.Corner of Claim, thence in a Northerly direction at right angles across the ledge Six hundred (600) feet to monument of stone at N.W.Corner of Claim, thence in an Easterly direction parallel with the ledge fifteen hundred (1500) feet to monument of stone at N.E.Corner of Claim, thence at right angles across the ledge in a Southerly direction Six hundred (600) feet to a monument of stone at S.E.Corner of Claim, thence in a Westerly direction parallel with the ledge 750 ft feet to monument of stone on South boundary line and place of beginning.

This ledge may be more generally described as situated half mile South of Moss Mine In San Francisco Mining District, Mohave County Arizona Territory and shall be known as the Ruth Dated on the ground this 15th day of September 1888

Rattan Mining &amp; M Co

Recorded at request of H.J.Brother Oct 15th A.D.1888 at 2:20 P.M.

E.J.Godman, County Recorder.

(Recorded in Book "K" at Page 345 of Mining Records)



Territory of Arizona,) )  
County of Mohave. ) ss.

I, Thos. McNeely, Recorder of Mohave  
County, Territory of Arizona, do hereby certify that I have compar-  
ed the foregoing copy of Notice of Location of the "Ruth"  
Mining Claim and of the endorsements thereon with  
the original records of the same on file in this office and that  
the same are correct transcripts therefrom and of the whole of  
said original records.

Witness my hand and the seal of said office  
this 3rd day of February, A.D 1906.

Thos McNeely  
Recorder of Mohave County.



4-688.

U. S. SURVEYOR-GENERAL'S FINAL CERTIFICATE ON FIELD NOTES.

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona.

April 27, 1906

I, U. S. Surveyor-General for the district of Arizona. do hereby certify that the foregoing transcript of the Field Notes, return and approval of the survey of the mining claim of Rattan Mining Company,

known as the Rattan situate in San Francisco,

Mining District, Mohave County, Arizona.

in Section approx., Township No. 20 N., Range No. 20 W. (unsurveyed), and

designated as Survey No. 2213, has been correctly copied from the originals on file in this office; that said Field Notes furnish such an accurate description of said mining claim as will, if incorporated into a patent, serve fully to identify the premises, and that such reference is made therein to natural objects or permanent monuments as will perpetuate and fix the locus thereof.

And I further certify that five hundred dollars' worth of labor has been expended or improvements made upon said mining claim by claimant or its grantors, and that said improvements consist of 1 cut, 2 tunnels and 1 shaft, total value \$1260.00

and that no portion of said labor or improvements has been included in the estimate of expenditures upon any other claim.

I further certify that the plat thereof, filed in the U. S. Land Office at Phoenix, Arizona, is correct and in conformity with the foregoing Field Notes.

(Signed) Frank S. Ingalls,

United States Surveyor-General for Arizona.



(4-687.)

## Surveyor General's Certificate of Approval of Field Notes and Survey of Mining Claim.

**Department of the Interior,**

*Office of U. S. Surveyor General,*

Phoenix, Arizona.

*April 27* 1906., 18 .

I, U. S. Surveyor General for the district of Arizona.

do hereby certify that the foregoing and hereto attached Field Notes and Return of the  
Survey of the Mining Claim of Rattan Mining Company,

....., known as the

Ruth

situate in San Francisco, mining district,  
Monave County, Arizona.

in Section approx., Township No. 20 N., Range No. 20 W. unsurveyed  
....., designated as Survey No. 2213

executed by Peter McCardell, U. S. Deputy Mineral  
Surveyor, Feb 23rd -24th 1906., 18 , under my instructions dated  
Feb. 12 th 1906., 18 , have been critically examined and the  
necessary corrections and explanations made, and the said Field Notes and Return, and  
the Survey they describe, are hereby approved. A true copy of the copy of the location  
certificate filed by the applicant for survey is included in the field notes.

*Frank S. Ingalls*

U. S. Surveyor General for Arizona.

