VEN IN PLACER CLAIN previous hand sorting. There seems to be no question that Mr. Handy, who has made careful study of the

PATENT TO PLACER GROUND ther, under different conditions, hand scrting is essential or not should be determined for each individual ore. KNOWN TO EXIST.

A decision of more than ordinary interest to mining men of the Butte district in particular, and also applicable to any other mining district where similar issues are involved. was received from the interior partment yesterday by Attorney John
A. Shelton, in the case involving the
W. E. lode mining claim, lying in the
southeastern part of the Butte district, in a valuable section of the coptrict, in a

placer claim in 1881.

any rights as to the lodes known to swers were used.

exist within the ground claimed as Tracing his record backward, Mr. placer. The secretary of the interior Thomas showed that McDonald would

Reverse Local Land Office.

The Reno Copper and Silver Mining patent on the lode claim previously in appeared in court this morning the patented as placer, the contention besalient facts in his history were laid lang based on the fact that the default bare. Mr. Thomas added that McDonaka a practical admission of the prior knowledge of the existence of the lode a trouble maker. at the time the placer application was

Helena held that the judgment was ever make it impossible for McDon-not conclusive as to that point, and ald to claim the United States as his asked for additional proof, and ordered that if such was not furnished, that the entry of the lode claim application for patent should be cancelled.

Attorney Shelton for the Reno comany appeared before the secretary of the interior and orally argued the appeal last January, the decision being received in Butte yesterday.

The decsion reverses the ruling of the register and sustains the application for the lode patent, the prior judgment obtained by default in the United States court being held as conclusive admission by the defendants that the knowledge existed of the existence of the lode vein within the ground at the time of the placer application.

Decision Important.

The importance of the decision rests in the fact that the interior depart-ment will permit the patenting of lode claims within the area of placer patents, already issued, if proof is furnished of the knowledge of the existence of lode veins on the ground prior to the date of the application for placer patent, it being held that placer patent will except from its grant any lode veins so known and proved.

The ground covered by the decision of the Reno company contest, while small, covers a very valuable portion of the copper territory of the camp, lying in part across the Belmont group of the Anaconda company, and is known to be within the productive copper area.

ORE SORTING.

Desirability of Practice Depends Upon

According to a report on mining disof Idaho recently issued by the bureau of mines, hand sorting is practiced to a more or less extent at many of the mines and mills. Where hand sorting is employed and the mill is some distance from the mine, the sorting is usually done at the mine, although at a few places the ere is sort-ed at the mine and also at the mill. some of the mills, when the ore is rather cgarsely disseminated, both mineral and waste rock are sorted. The quantity of shipping ore thus sorted man takes a rest he takes something out, which is known as "crude ore" or that he isn't justly entitled to. "high grade," varies from a few per cent to as high as 60 per cent of the total tonnage of concentrates shipped, says the Engineering and Mining

the sorters can distinguish the mineral from the waste rock, more readily. Men stationed on each side of the conveyor belt sort from the washed material either the mineral or the leading to the respective bins.

A paper on hand sorting of mill feed was presented by R. S. Handy, mill superintendent of the Bunker Hill & Sullivan company, Kellogg, Idaho, at the meeting of the Columbia section of American Institute of Mining and Metallurgical Engineers, held at Kel-logg on November 17, 1917. This pa-per was most interesting and instruc-tive, as was the discussion that fol-Mr. Handy claimed that hand sorting of the mill feed is not necessary, and that it is cheaper, in fact, to treat the mill feed direct, without

NOT COVERED BY PATENT treatment of the Bunker Hill ore, is correct in assuming that for this particular ore and under the conditions in the mill it is best to treat the mill feed direct without hand sorting. Whe-

MUCKIE M'DONALD.

Forever Barred From Becoming Citi-

zen of United States.
"Muckie" McDonald, labor agitator,
former convict, kidnaper and draft
evader, was forever debarred from bede-down recently by Judge Lamb, after partment yesterday by Attorney John naturalization examiner R. E. Thomas

The Reno Copper and Silver Mining assistant secretary of labor, based on company obtained a judgment by de- information furnished to the governcompany obtained a judgment by default in the United States district court in which it was held that the was presented, showing that McDonvein on which the W. E. lode claim was located was one that was known to exist at the time the application military service on the grounds that was made for the patent of the Emery he was an alien. At that time Me-placer claim in 1881. Domald-stated he would answer a draft Notwithstanding the fact that pat-ent had been issuel for the Emery placer, and the fact also that the mineral location contesting the placer also shown that first papers had been right to the lode claim, was not made taken out in Butte and Seattle, and until 1908-9, it is held that the placer in asking that the petition for naturits provisions alization be rejected McDonald's an-

endered the issuance of pateut to the not serve his country, had spent six lode claimants for that part of the months in an Idaho jail, and one and lode within the area covered by the one-half years in the Deer Lodge pen-placer patent. one-half years in the Deer Lodge pen-itentiary, after being convicted in a Boulder court on a kidnaping charge. The Butte labor trouble of 1914 and company, relying upon the default judgment entered in the United presented to the court. From the day states court, made application for a patent on the lode claim previously

An order prepared by the naturalization bureau at The register of the land office in and signed by Judge Lamb will for-

WAGES IN BUTTE.

Scale for All Craftsmen Recently An-

nounced and Posted. Boiler cleaners, \$6. Boiler cleaner helpers, \$5.50. Cable repairers, \$6. Cable repairer Carpenters, \$6.50. Carpenter boss, \$7. Sawyers, \$6. Sawyer helpers, \$5.50. Compressor men, \$6.50. Diamond drill runners, \$6.25. Diamond drill runner helpers, \$5.75. Engineers, first motion, \$7. Engineers, geared, \$6.50. Firemen, \$6. Ash wheelers, \$5.50. Laborers, \$5. Laborer boss, \$5.50. Change house men, \$4.50. Masons, \$8. Mason helpers, \$5.50. Miners, all underground men en ged in mining, \$5.75. Miners, in shafts, station cutting nd winzes, \$6.25. Drivers, locomotive surface, \$5.50. Oilers, regular, \$5. Oilers, second class license, \$5.50. Pumpmen, \$6.50. Pipemen, underground, \$6.25. Painters, \$6.50. Painter boss, \$7. Station tenders, \$6.25. Teamsters and stablemen, \$5.25. Tool men, \$5.75. Watchmen, \$4.50 Structural iron workers, \$6.50. Structural iron worker, boss, \$7. Shift bosses, \$7.25. Timekeepers, per month, \$165. Foreman clerks, per month, \$165. Electrician helpers (not apprentice) \$5.50. marks on a man's reputation.

One can't judge the good there is in a main by the worldly goods he possesses.

It sometimes happens that when

STATE LAND SALE.

Notice is hereby given that on Tues-Journal.

The usual method of procedure in hand sorting is as follows: The oversize passes from the grizzly onto a wide conveyor belt, where the ore is washed with a spray of water, so that the sorters can distinguish the min-

Cost

1	Sub-					App.	The Worsten Co., burnar pau-
ł	division	S	T	R	Ap. Imp	. V.	per dead
1	NEWNEW	26	43N	1E		\$10.00	Western Union Tel Co., ser-
١	NW 4 NE 4	26	43N	1E	2.00	10.00	vice to county officials
1	SW4NE4	26	43N	1E	2.00	. 10.00	
١	SE4NE4	26	43N	1E	2.00	*10.00	Interstate Utilities Co., tele-
J	NE'4NW'4	26	43N.	1E	2.00	10.00	phone service
	NW 4 NW 4	26	43N	1E	2.00	10.00	Dr Geo S Lesher, conv. pa-
1	SW4NW4	26	43N	1E	2.00	10.00	tients to hospital, etc
	SE'4NW'4	26	43N	112	2.00	10.00	
	NW4SE4	26	43N	1E	2.00	10.00	G A Cotter, juror's fees,
	SW 4 SE 4	26	43N	1E	2.00	10.00	coroner's inquest
	Lot 1	2	44N	1E	1.60	10.00	Val Hobin, witness fees,
	(31.60 A)					1000	
	Lot 2	2	44N	1E	1.60	10.00	justice court
	(31.62 A)						Wallace Printing Co., printing
	SW 4 NE 14	2	44N	1E	2.00	10.00	and advertising
	SE 4NE 4	2	44N	1E	2.00	10.00	Mary J Barnes, expenses as .
	Lot 3	2	44N	1E	1.60	10.00	
	(31.62 A)					1	county superintendent
	Lot 4	. 2	44N	1E	1.55	10.00	Mary J Barnes, expenses to
	(30.64 A)						Nat. Ed. Ass'n., Milwaukee
ć	SW 4NW 4	2	44N			10.00	TO DO LOUR CONTRACTOR
į	SE'4 NW 14	2	44N	1E	2.00	10.00	J C Buchanan, quarantine

		-	-		
NE'sw's		44N	1E	2.00	10.00
NW4SW4	2 2	44N		2.00	10.00
SW 4 SW 4	2	44N		2.00	10.00
SE4SW4		44N		2.00	10.00
	2 22 22				
NEWSEN	- 2	*44N		2.00	10.00
NW4SE4	2	44N		2.00	10.00
SW4SE4	2	44N	1E	2.00	10.00
SE4SE4	2	44N	1E		
Lot 1	3	44N	1E	1.60	10.00
(31.78 A)					
Lot 2	3	44N	1E	1.60	10.00
(32.05 A)					
SW4NE4	3	44N	1E	2.00	10.00
SEWNEW	3	44N	110	2.00	10.00
Lot 3	3	44N	110	1.60	10.00
(32.33 A)					
SE 4 NW 4	3	44N	110	2.00	10 00
NEWSW4	3	44N		2.00	10.00
SE4SW4	3			2.00	10.00
NE 4 SE 4	3	44N		2.00	10.00
NW 4 SE 4	9	44N	1E	2.00	10.00
	3	44 N		2.00	
SW4SE4	- 0	44N	1E		10.00
SE4SE4	* 3			2.00	10.00
NE4SW4	22	44N		2.00	10.00
SE 4 SW 4	22	44N		2.00	10.00
NE%SE%	22		1E	2.00	10.00
NW4SE4	22	44N	1E	2.00	10.00
SW4SE4	22			2.00	10.00
SE 4 SE 4	22	44N		2.00	10.00
NW4SW4	23	44N	1E	2.00	10.00
SW4SW4	23	44N	1E	2.00	10.00
NEWNEW	27	44N	1E	2.00	10.00
NWWNEW	27	44N		2.00	10.00
SW4NE4	27			2.00	10.00
SE'4 NE'4	27	44N		2.00	10.00
NE % NW %		44N		2.00	10.00
SE 4 NW 4		44N		2.00	10.00
NEWSEY	34	44N	1E	2.00	10.00
NW4SE4		44N	110	2.00	10.00
SW4SE4	34		1E	2.00	10.00
SW MSE M			1E		10.00
SE%SE%	34		I.F.	2.00	10.00
	RW			0.00	10.00
SW4SW4			116	2.00	10.00
	RW	2			
NE4SW4		49N		2.00	17.50
SE4SW4	9	49N	2E	2.00	22.50
TE	HM	S OF	- 5A	LE.	

TERMS OF SALE.

One-tenth (1-10) of the purchase price and first year's interest on deferred payments, cash on day of sale; balance in forty (40) annual installments at six per cent (6%) interest.

All sales are made subject to any valid interfering rights which may have existed prior to date of sale except those for which allowance is made herewith.

All improvements to be paid in full on day of sale.

Land sold subject to harvesting of crops on land leased.

By order of State Board of Land Commissioners.

Publication commenced August 1,

Publication commenced August 1, Publication completed August 28, 1919.

I. H. NASH, State Land Commissioner.

Commissioners Proceedings Continued From Page 6

J R Teasdale, district court	100.00
bailiff	139.00
bailiff J H Wade, district court	104.50
bailiff Bailiff P Candee, district court	15.00
bailiff	13.50
Elsle Ryan, transc. test. cor. oner's inquest	5.75
D Goggin, services to probate	4.70
Yellowstone Garage, Hudson	
ear, sheriff's office J S Hart, repairs surveyor's	1050.00
office	6.00
Dr J R Bean, fees, deputy reg- ister vital statistics	38.5
Iver Johnson, labor, infirmary. W H Herrick, garage rent	17.5
Wallace Garage, auto supplies	8.1
A P McRae auto and team hire S L Thomas & Co, drayage,	32.0
sheriff's office	2.0
D A Beaton, labor, infirmary,. F W Rolfs, examination epi-	40.2
leptic	5.0
D Flynn, conv patients to county hospital	12.5
Mrs E L Hale, 5-pass. Buick	
touring car	1000.0
county health officer Geo W Walker, holding in-	76.5
quest (Dukis)	6.1
Geo W Walker, justice court fees	13.0
fees G A Lohoefer, meals to dis-	77.6
trict court jurors Auto Supply Co., auto supplies	15.8
Margaret M Robson, trans. test. coroners' inquest	6.8
James W Calkins, refund 1913	
taxes Dr C Busey, services to indi-	62.3
gent Geo W Walker, justice court	7.4
fees	49.2
Wm J Bailey, expense as deputy sheriff	23.2
N B Miller, constable fees Prof R E Neidig, expert	21.1
witness fees	131.8
Prof R E Neidig, expert witness fees	104.3
witness fees	9.0
Western Union Tel Co., ser- vice to county officials	33.1
Jas A Wayne, retainer tax sult Julius P Hall, salary as coun- ty surveyor	250.0
ty surveyor	50.0
Mrs Sarah V Bacher, analysis of liquor	20.0
Kelly garage, repairs to Buick auto	39.0
A L Hendrick Auto Co	
storage and supplies Yellowstone Garage, auto sup-	18.2
plies and labor	22.7
E D Dalton, repairs to Hudson auto	187
auto Will M Grove, justice court fees	6.2
Wallace Garage Inc., auto sup-	
plies, Hudson	158 0
per dead	38.5
vice to county officials	7 6
Interstate Utilities Co., tele- phone service	139 4
phone service	35.2
tients to hospital, etc	
val Hobin, witness fees,	2.5
justice court	3.
Wallace Printing Co., printing	
and advertising Mary J Barnes, expenses as .	577.2

guard. Kingston Department public welfare, county allotment . .. 190.00 charge. Dr A D McCrackin, conv. pa tients to county hospital ... Adam Aulbach, lights for Murray jail Rose Aulbach, rent of Murray Shoshone Laundry Co., laundry

court house and jail Progress Pub. Co., printing quarantine cards Fremont S Rowe, expenses as county commissioner D E Keys, salary as county commissioner . D E Keys, expenses as

county commissioner E W Miller, salary as county E W Miller, expenses as

0.00

And at this time the board adjourned until 10:00 o'clock Wednesday morning, July 23, 1919.

D. E. KEYS, Chairman. HARRY A. ROGERS, Clerk.

Wednesday, July 23, 1919. The board met pursuant to adjourn-

ed and directed to issue warrants on the following funds, to-wit:

Road Fund. Ecik Helsing, labor road dis-

Current Expense Fund.

Ross Ins. & Inv. Co., insurance iums on official bonds Ressi Ins. & Inv. Co., insurance on court house Jas F Howarth Co., insurance on court house Shaw & Borden Co., office 68,50

supplies for a drainage pipe to replace the old decayed flume running through Mane. was examined and granted and the road overseer of road district. No. 3 repairs.

The board examined the list of billagainst the county heretofore allowed and ordered paid at the present meet ing, and after checking the same the warrants drawn in payment there of, and the Commissioner's Journal certified the same to the treasurer for Adjourned until Friday, July 25

Friday, July 25, 1919.

The clerk was instructed to secure ransportation from Kellogg to Port-

220.50 land for one James Weier, an indigent said street is used as a county road

The board sitting as a board of 12.00 equalization proceeded with the examination of the assessment rolls of to equalize the property assessments 15.00 for said year, and after a partial ex-amination of said rolls, the further

5.60 consideration thereof was continued until Monday morning, July 28, 1919, 3.75 at 10:00 o'clock a. m. Monday, July 28, 1919.

260.00 Present: Commissioners Rowe, Miller and Keys and Clerk Rogers.

The petition and area. Pfirman against the assessed valua-194.05 tion for the year 1919 upon certain lots in Sunnyside addition to Kellogg was 175.00 examined and denied.

county commissioner 223.65 of the county road and bridge funds. The board, sitting as a board of to the Clarkia Better Roads Highway equalization with County Assessor W. District, it appearing to the board H. Herrick also in attendance, pro- from the statement of the county audceeded with the examination of the assessment rolls of Shoshone county for the year 1919, and to equalize the ceive the sum of \$860.89 as their approperty assessments for said year; portionment of the county funds unde and after a partial examination of the provisions of Chap. 62:37 of the said rolls, the further consideration thereof was continued until 40:00 dered that the county auditor issue a o'clock Wednesday morning, July 23, road warrant to said district for said amount.

The board visited the county Jai and county poor farm and found finates therein provided for to the satisfaction of the board. The sheriff was instructed to make some plumbing repairs in the jail to make the same more sanitary.

The American Red Cross naving ofment.

Present: Commissioners Fremont S.
Rowe, Edward W. Miller, Daniel E. equal to the yearly salary of sald Keys; Clerk Harry A. Rogers.

The following bills or claims against the county were examined and approved, and in payment of the same the county were examined and approved, and in payment of the same the furnish this board with an accurate the county auditor is hereby authoriz- statement of her expenses, verified by vouchers, and to make a quarterly report covering all activities relating to her duties as defined by the board.

The mayor and the city attorney of

the city of Wallace appeared before the board for the purpose of securing the cooperation of the board in pay 113.67 ing the street between the railroad crossing at the east end of Bank street and the railroad crossing im-mediately east thereof, which said mediately east thereof, which said paving has been estimated by said city to cost \$4044.08, and it appearing to 123.75 the board from the statement of the prosecuting attorney that such ex-penditure can be legally made, and is The petition of the residents of Mace further appearing to the board that

and is a part of the North Pacific highway through Shoshone county, it was ordered that one-third of the escounty road fund as Shoshone county's proportion of such expense, con-ditional, however, upon the agreement of the city council of the city of Wal-lace to extend said pavement in the year 1920, easterly along the Mullan road to the bridge across the South Fork of the Coeur d'Alene river, at or near the present city limits of the city of Wallace.

In the matter of the equalization of the real property assessments in Shohone county for the year 1919, it was ordered that the total property assess ments for the year 1919 be and the same are hereby equalized, settled and In the matter of the apportionment finally fixed and that the list of ex-223.65 of the county road and bridge funds emptions as recommended by the emptions as recommended by cunty assessor, amounting to \$117,-55.00 be and the same are hereby alowed.

(Whereupon the board of equaliza-ion and the board of county commiseners adjourned sine die.

Approved D. E. KEYS,

Attest: Chairman.

HARRY A. ROGERS.

DO YOU WANT A GOOD FARM HOME?

Our land list gives a complete and detailed description of some of the best farm homes to be found in the northwest-10 acres to 500. fered to cooperate with the board in the employment of a graduate trained like the cooperate with the board in the employment of a graduate trained like the cooperate with stock and machinery. CALL OR WRITE for this hst before you buy—it's free. If it's a Spokane residence or a suburban home you want, it will pay you to see us. Our 12 years business experience here is at your service. Call or write and tell us what you want.

HEGE & WATKINS Co. 1116-1117 Paulsen Bldg. OKANE WASHINGTON SPOKANE

John H. Nordquist MINING ENGINEER WALLACE - - IDAHO

MINERS, TIMBERMEN AND MUCKers wanted for stope work on con-tract. Opportunity to earn \$6 to \$10 a day. Apply at Morning mine, Mullan, Idaho. Jy10-tf

Important

Harry Morrell, a mining man of the highest standing in the mining fra ternity, that has made the Yankee Boy mine in the Coeur d'Alenes a steady producer, says: That he is of the firm opinion and belief that he has discovered in the Lora group, now owned by the Sterling Silver Mountain Mining Company, Ltd., the MOTHER LODE VEIN of all the high grade silverbearing ore deposits in the Big Creek section of the Coeur d'Alenes. We have his assurance that he will undertake the development of the Lora group and promises a sure winner. The shares of this company will be open subscription at \$3 per thousand shares. A postal card will bring you further detailed information.

Sterling Silver Mountain Mining Company, Limited 323-324 LINDELLE BLD G., SPOKANE, WASH.

