

ARRAGONITE

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0450 0015

Portland cement, exposed to the air continues to gradually expel Carbon Dioxide and through the absorption of moisture and oxygen at the surface is reconverted into Calcium Carbonate, and again upon dehydration, becomes patches of fine white powder on the surface, which in turn causes oil paints, painted thereon to sluff, flake and peel off. This reaction is constantly in action from the interior body of cement and in time the cement, from the interior contraction causes it to buckle or crack.

To prevent this reaction, some Alkali with a near affinity to set into the pores and interstices of the cement. That would carry indestructible soluble Gum, that would solidify by the action of the Carbon Dioxide gas, and become impervious to the external action of oxygen. The cement would then be made neutral and inert and be capable of retaining surface application of oil and varnish paints.

After persistent experiments, one mineral known as Arragonite or Strupelstein (ca c o 3) was found to be the affinity, when made soluble by the agency of an acid, which would carry a soluble Gum, the whole being held in solution by the aid of agent. The solution then applied over the surface of the cement or iron, the contract causing the vitalization on the liquid. Leaving the pores and interstices in the cement locked up with an insoluble, hard substance (Converted by the action of the Carbon Dioxide) impervious to moisture and oxygen.

That is what Cementite does, which no other form of filler will do, not having an affinity to combine with the similar Calcareous molecules that bind the cement together

The whole mechanical operation is a simple one, with the right combination of elements. Cementite is just this, and applied to now make cement worthwhile dehydrated against an disintegration by the elements infinitely.



0450 0015

Fluorine Dist. 228

Item 15

NEVADA STATE BUREAU OF MINES  
Box C, University Station,  
Reno

Mr. H. C. Moore  
1958 1/2 Rodney Drive  
Los Angeles 27, California

Phone Normandy 11856

Dear Sir:

We are gathering information for a bulletin on the mineral  
resource of Nye County.

We wish data on your Vidano Mines and any other claims.

Number and Name of Claims.

Ownership is in what name or names and address

H. C. Moore 1958 1/2 Rodney Drive

Location by distance from a point on highways or railroads

a Dyke Separates this property from Daisy  
Fluorine mine. 1 1/2 miles S. of Beatty, go  
4 1/2 miles turn right 1/2 mile & more. about 5 miles East of  
Beatty Nevada.

Township and section if known, Sec. . . . T. . . . R.

Amount and nature of development work.

a standard shaft 138 feet  
about 750 to 800 feet tunnel, no 30 ft. mine shaft  
cross cuts. 16 old development shafts 25 to 40 ft  
in Iron Hall in gossan, exposed, black rotten quartz etc

Shipments made, date and to what mill or smelter,

no production.

Nature of ore occurrence, vein, or

Formation ore occurs in, Limestone formation gang rock  
runs from 86 to 1400. Iron gossan, etc. \$32.00

History of the property, (Give details on back of this page)

Any maps or reports if mailed in will be returned promptly, or  
pencil sketches of claims and workings will be appreciated. Use  
this sheet for reply if you wish.

Thanking you for your attention to this request,

Nevada State Bureau of Mines

By,

Victor E. Kral

Victor E. Kral, Mng. Engr.



geophysical instruments show this the largest  
deposit. Money lays in Steers Canyon and  
in high mountain water channel on side of mountain  
lays ideally for operating as ore & water  
can be brought on thru same tunnel  
with mill & be placed on Dyke at entrance  
to money & ore brought down by gravity  
we have 18 more feet of shaft to go to produce  
water & get into sulphides. These go on  
Iron Hates represent a capping on the ore  
body. about 50 feet more development  
& we should be on S. hanging ore.  
Australia & South Africa interest consider  
this a big property and one of the low grade  
class. When the geology water conditions  
& the lands, storing cheap mining etc. we  
also have water at Arriagosa River at  
main highway on 5 miles. Out road right  
up to money. An ore vein with about 20  
feet wide leads toward Rhyolite mines  
so the geophysicists say. I am holding the  
property for a responsible operator  
to present himself. Core drilling will prove  
it up quickly. It is priced at \$350,000.00  
take it or leave it - It is bigger than  
the Cactus Queen & the Golden Queen combined  
at Wagon Wagon Wagon Calif. - So the  
men of science say. I have 68 to 70 feet of  
ore gang with on 167 ft level that runs  
\$6.00 & \$14.00 per ton and we are in ore  
necessity cut into hill 45 to 50 ft & reach it.  
I want an operator hard & these pay out long  
period of time. No money down use the money  
for operation (10% royalty) <sup>cash in house garage</sup>  
use any of this you wish. <sup>all need minor repairs</sup>  
W. C. Moore <sup>house 12 to 15 men</sup>



(CEMENTITE)  
(TRADENAME)

CEMENTITE is a cement filler that presents a waterproof sub-surface for retaining oil and varnish paints, permanently.

CEMENTITE is a modern discovery for the waterproofing and preservations of cement and iron surfaces.

CEMENTITE IS A COMBINATION OF NATURE'S GUM that act as affinity with the Alkali contained in the cured cement, preventing the internal reaction to expel Carbon Dioxide and gelling the molecules that constitute the cement from the surface oxygen and moisture to form the opalescent superficial film of Calcium Carbonate ( $\text{CaCO}_3$ ) to again be converted into Quick lime ( $\text{Ca}$ ) and Carbon Dioxide ( $\text{CO}_2$ )

CEMENTITE Armor surface is impervious internally and externally to disintegration for all time, as the materials used in the formula to make Cementite lasts in Nature's elements, indefinitely.

CEMENTITE is formulated under extreme furnace heat, and will stand up under extreme cold or Sun-heat-- will withstand salt water moisture and the neutral gaseous fumes given off by Nature's erosion and decomposition of the soil and plant decay. The formula provides another feature, that is of great importance-- that of having elasticity to withstand contraction and expansion, preventing a dryness that will not permit splitting or peeling away of the surface paint, this latter feature makes it possible to fulfill the century old effort to make oil paints or varnishes adhere over the surfaces of set cement with lasting effects.

Cities, towns and municipalities have and are expending hundreds of thousands of dollars yearly, painting the parking zones, curbs and street crossings, aware that the paint over the surface of the cement will only last for a few months at the expiration of which it is done over again and again, within the year.

The disappearing of the paint is caused by the chemical reaction going on between the cement and the oxygen in the air. Internal and external reaction is prevented and checked by one application of Cementite, for all time.



making the cement immune to chemical reaction, permitting oil or varnish paints to be applied over the treated cement with perfect adhesion, to remain intact on the sub-surface of the cement for a period of time that it should last, if applied over wood surface.

The same reaction takes place in iron, a continuous internal combustion coming to the surface to contract with the oxygen in the air, causing erosion in the form of rust on the surface of the iron. The natural laws of dissolution in cement and iron is continuously going on unless an intermediate agent is employed to stop destruction. So far, many things, both bituminous and mineral, have been tried, but for over two centuries, chemists have overlooked the vital things to do. Therefore the discoverer of Cementite resorted to a combined formula of Alkali and Gums that Nature's elements could not destroy and has worked out a process, tried out with lasting and perfect results, permitting oil or varnish paints to be applied over the treated cement or iron surface with permanency results, free from erosion or dissolution.

This formula and process has not been worked out with the Two Century one-way method which did not or never will, work satisfactorily, but on a sensible, reasonable idea, to be applied, outside of all technical chemistry, known to date by combining a few simple indestructible agents that Nature's elements could not act upon, and which would act likewise as an affinity to prevent less fortunate elements from destruction.

This discovery was formulated outside of the chemist's laboratory by experimentation to bring about a sensible result.

Cemente is processed under new ideas, not copied or formulated under any of the waterproofing methods now in use. Experiments in coating many kinds of cements and iron have proven satisfactory and are withstanding time and the elements, Cementite is compounded out of indestructible agents that defy the elements and act as an affinity in the prevention of erosion upon the surface of cemente and iron.



The material is reasonable in price, in fact cheap, going a longway as a cover-  
all over cement or iron and can be applied with a brush or sprayed on. After dry-  
ing in by capillary attraction for ten hours, it can be painted over with any  
color of oil or varnish paint without changing the color or the durability of the  
paint used, bonding the paint permanently to the sub- surface of the cement.

Colors remain free from fading or deterioration.

Cementite claims just what is set forth for the specific purpose of waterproofing and  
preserving corrosion or disintegration of cement.

It is not claimed to do absurd impossible things, outside of waterproofing and  
preserving lime base surfaces from dissolution and to cause the treated sub- surfaces  
to retain oil or varnish paints. Every job is insured to stand up for waterproof-  
ing and non-corrosion or deterioration for all time. This should be sufficient  
evidence that the manufacturer of Cementite stand behind the product and are  
entitled to consideration for your waterproofing.



KEY FORMULA PLASTIC MIXTURE  
AZTECITE STONE

ARRAGONITE, five pounds ground to one hundred mesh.

Feldspar mineral five pounds ground to sixty of eighty mesh.

NOTE. Feldspar can be added up to sixty five per cent with thirty

five per cent of Arragonite, this for a mix to go over dry cement work.

To the ten pounds Arragonite and Feldspar mix, add boric acid two and one half ounces, and one ounce of dry French Zinc.

NOTE. Mix well, all of the above ingredients in dry form.

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Oil mixture for above.

Linseed oil (boiled) one gallon

Sandarack (dissolved in alcohol) two ounces dry, to consistency of syrup.

Spar Varnish, three and one half ounces

White Dryer (liquid) three ounces

Venice turpentine cut in one and one half ounces of spirits of turpentine,

Mix all of the above materials together.

To make plastic Aztecite for trowling or spraying add the oil mixture sufficient to moisten completely wet the amount of mix required for use.

For trowling plastic add sufficient white gasoline to wet mixture to make consistency of ordinary line plaster. For spraying mixture add sufficient white gasoline to make wet mix consistency of ordinary house paint.

NOTE. Do not mix more materials than can be used at one time, as all left over mix will start setting hard within twelve hours.



# FORMULA NO. I

10 pounds	Arragonite
5 "	Zinc White
5 "	Feldspar or Silica
1/4 "	Sodium Fluoride
1/8 "	Boric Acid
1oz.	Sol Soda

Mix all dry, add

Sufficient boiled linseed oil to moisten the mix only, one half pint of Copal varnish is added to each gallon of linseed oil. After moistening the mix add white gasoline to thin paste for trowling.

## Crescent Cement.

280 pounds	Arragonite
280 "	Ground Silica
40 "	Litharge
1 "	Minium
2 "	Gray Oxide of Lead
2 "	Silicate of Soda

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Mix all together. To use as plaster, to every thirty pounds of the mixed cement add one quart of linseed or other vegetable oil, this with oil of Turpentine to consistency of stucco plaster if for walls, for floors use less oil of turpentine. About seven and one half gallons of linseed oil and one gallon of oil of turpentine.

50 pounds	Arragonite
25 "	Silica (White)
25 "	Feldspar

Add fluid mixture

Mix drys together mix liquids together, then mix together (wet and dry)  
Hard material for floors- etc. Soft material for Calcime or pouring more gasoline and less linseed oil.



Letter 21 Kral M. 2  
Nevada State Bureaus  
Reno Nevada

Dear Mr Kral:

I have a number of mines on  
Crescent Clark Co Nevada or 16  
miles west of Searchlight. Among  
them "Santa Ana" gold silver modulus.  
"Sherman" gold silver lead. Both  
good, properties are available for  
sale. - One muscovite mica mine  
60 acres done structure <sup>del money</sup> 1/2 miles from  
Nipton Calif on RR shipping point  
good roads & water.

One arragonite property 90 acres  
good quality. Circular representing  
copy of original note up by founder  
who (was a chemist) worked at being  
uses for this modulus. Recently my  
Mr McCarthy sent you sample. This  
arragonite good, usually made of cement  
ceramics etc. - should be ok for building  
material. I need operator. - This property  
5 miles from Nipton RR and located right on  
Crescent Nevada & right on main highway.  
I have plenty of water on property. Elevation  
4200 ft. - ideal climate. - by other properties  
much higher. - I also have 1 claim of silica  
good grade, also 1 claim of Rose Quartz,  
a common gold mine. I am told  
Sen the operators I will appreciate it -

Sincerely  
N. Q. Moore

8/16/49

1958 1/2 - Rodney Dine Los Angeles 27 Calif