ARTICLES OF INCORPORATION.

OF THE "BUNKER HILL & SULLIVAN MINING & CONCENTRATING COMPANY"

KNOW ALL MEN BY THESE PRESENTS, That we, S.G.Reed and

Martin Winch, of Portland, Oregon, and N.S. Kellogg, of Forest

Grove, Oregon, do hereby associate ourselves as a corporation under

the general incorporation laws of the state of Oregon; and do hereby

adopt the following Articles of Incorporation:

Article 1.

The name of this corporation shall be the "Bunker: Hill and Sullivan Mining and Concentrating Company".

Article 11.

The duration of this corporation shall be perpetual.

Article 111.

The objects and business of this corporation shall be:

1. To purchase, acquire, rent, hold, improve, lease, mortgage, sell convey, and dispose of mines, mining claims and lodes, water rights, water powers, lands, town and city lots, and other property necessary or convenient for the use of this corporation, within the state of Oregon and the territories of Idaho, Washington, and Montana.

- 2. To purchase, construct, maintain, operate, and dispose of flumes and water ditches, concentrators or mills, smelting, sampling, reduction, and refining works, and mining machinery of every kind and nature.
- 3. To purchase construct, equip, and operate, and dispose of railroads, either surface, elevated, cable, or aerial, and other roads
 or tramways, to connect with its mines and works, and to transmignert
 freight and passengers, for hire or otherwise.
- 4. To buy, and sell ores, bullion, metals, minerals, and concentrates, and all other materials and supplies; and to reduce ores and minerals for pay.

5. To do and perform whatever else may be found necessary and convenient to carry out the objects of this corporation.

Article IV.

The principal office of this corporation shall be at Portland, Oregon.

Article V.

The capital stock of this corporation shall be three millions of dollars.

Article Vl.

Said capital stock shall be divided into three hundred thousand shares of ten dollars each.

IN WITNESS WHEREOF, we the said parties have executed the said Articles of Incorporation in triplicate, and have set our hands and seals to this and to two other instruments of like tenor and effect, at Portland, Oregon, on this the 27th day of July, 1887.

S.G.Reed,
Martin Winch,
Executed in the presence of N.S. Kellogg,
H.H.Parker

Sam Wasserman

State of Oregon,) :ss.
County of Multnomah,)

Before me, H.H.Parker, a duly commissioned and qualified Notary Public in and for the State of Oregon, personally appeared, on this the 27th day of July, 1887, S.G.Reed, Martin Winch, and N.S. Kellogg, to me personally known to be the identities S.G.Reed, Martin Winch, and N.S. Kellogg, described in and executed the foregoing Articles of Incorporation, and the said S.G.Reed, Martin Winch, and N.S.Kellogg to me acknowledged that they

executed the same freely and voluntarily, for, the purposes therein indicated.

Witness my hand and notarial seal, this 27th day of July ,1887.

H.H. Parker,

(Seal)

Notary Public in and for Oregon.

(Endorsed:)

Articles of Incorporation of the Bunker Hill & Sullivan Mining & Concentrating Co. Filed July 28, 1887, Geo. W. McBride, Secretary of State.

Whereas at a regular meeting of the beard of directors of the Bunker Hill & Sullivan Mining & Concentrating Company(a corporation duly incorporated, organized and existing under the laws of the State of Oregon, and having its principal office at the city of Portland Oregon) duly called and held at the office of said corporation this thirty-first day of July ,1891, the following resolution was duly adopted by the unanimous vote of all the directors of said corporation, to-wit.

"Whereas it is desirable that less than a majority of the board of directors shall be a quorum, therefore, be it

Resolved, That the directors of this corporation, under the powers given by the statutes of the State of Oregon in such case made and provided, file a written declaration that two(2) directors of this board shall constitute a quorum for the transaction of business."

Now, therefore, Know all men by these presents, that we, the undersigned, as directors of said corporation, and being all the directors thereof, do hereby make this our written declaration in due compliance with the statutes of the State of Oregon, in such case made and provided, that two directors shall be sufficient to of said Company at all regular of stated melings of said track of constitute a quorm of the board of directors authorized by the

by-laws of said corporation.

Dated at said city of Portland , Oregon, this thirty-first day of July, 1891.

Executed in duplicate.

Directors
of the
Bunker Hill
&
Sullivan
Mining &
Concentrating
Co.

John Hays Hammond, S.G.Reed, Fred'k V.Homan Martin Winch, B.L.Eddy,

(Endorsed: Supplemental Articles of Incorporation of the Bunker Hill & Sullivan Mining & Concentrating Co. Filed for record at Nine o'clock A.M. the third day of Aug. 1891, and recorded on page 144 of Book 2 of Records of Articles of Incorporation of private corporations. Geo. W.McBride, Secretary of State.)

SUPPLEMENTARY ARTICLES OF INCORPORATION.

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BUNKER HILL AND SULLIVAN MINING AND CONCENTRATING COMPANY.

Whereas, at an adjourned session of the regular meeting of the stockholders of the Bunker will and Sullivan Mining Concentrating company (a corporation duly incorporated, organised and existing under the laws of the State of Oregon, and having its principal office at the City of Portland, in said State of Oregon, hereinagter referred to as "said company") which said annual meeting and said adjourned session thereof were duly called and held at the principal office of said Company at the City of Portland, State of Oregon on the 15th and twenty-second days of June, 1899, resepctively, by the unanimous vote of all the subscribed capital stock of said company duly represented at said meeting, and being more than seven -eights of all the subscribed capital stock of said Company the total number of shares of the subscribed capital stock of said

company being three hundred thousand shares (and being all of the capital stock of said Company) and the total number of shares so represented and woting in favor of said resolution hereinafter set forth being Two Hundred and Seventy-nine thousand three hundred and fifty-nine (279359) duly adopted the following resolution, to-wit:

"Resolved that Frederick W. Bradley as President of this "corporation (Bunker Hill"and Sullivan Mining and Concentrating " company) "and George F. Holman as Secretary of his corporation " for and on behalf of this corporation, under its corporate name and " seal and as its act and deed, and that Frederick W. Bradley, William " H. Crocker, Frederick V. Holman, N. A. Peery and George F. Holman as Directors of this corporation, he and they are herey instructed directed, authorized and empowered to make and execute in triplicate ' and acknowledge and file as required by the laws of the State of 'Oregon Supplementary Articles of Incorporation of this Company amending the present Articles of Incorporation of this Company by "inserting and adding to Article III of the original Articles of "Incorporation of this Company ((said Article 111. specifying the This call objects and business of this Company, and said original Articles of "Incorporation having been executed in triplicate and dated the " 27th day of July, 1887, one of which said triplicates being filed in the office of the Secretary of State of the State of Oregon, ane of said triplicates being filed in the office of the County Clerk of * the County of Multnomah, State of Oregon, and now on file in the office of the Clerk of the County Court of said Multnomah County and the other of said triplicates being in the possession of the Secretary of this Company) the following , viz :

6.To aid, assist and facilitate in the construction
building, increase, extension, equipment, maintanance and
operation of smelters, smelting works, reduction works, mills
(and)
concentrators()other works or plants for working reducing()

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) for the extraction
   treating ores (
                                             )refining of metals, and
uh purposes
            and any thereof to subscribe to or for or purchase or
 otherwise acquire, own, hold, sell and dispose of the stocks
 bonds of any other corporation, corporations, company or companies
 owning, maintaining and operating ( now incorporated or to be here-
 after incorporated for the purpose in whole or in part of owning,
 " maintaining or operating) smelters, smelting works, reduction works,
 mills, concentrators
                           other works or plants for working,
 'reducing
                                     for the extraction
 ing of metals; to guarantee or otherwise secure the payment of any
 such bonds, interest thereon, or dividends on such stock or stocks
 as it may deem advisable, convenient or proper
                                                     to otherwise aid.
 assist and facilitate such corporation, corporations company
 or companies andthe purposes or any thereof for which the same is
 or are or may be incorporated, organized, created or formed.
 7. To purchase, own, hold, sell Idespress and convey (and to suc-
scribe for) the stocks, bonds
                                    )debentures of any other corpora 4
  tion or corporations.
8. To invest the moneys of this corporation in any stocks, thomas,
                 other negotiable personal
                                             property, choses in
  action or securities.
  9. To purchase, own, hold, possess, rent, lease, improve and
  acquire all real estate and personal property, necessary, desirable
  or conveinent for the transaction of the business of this corporation
, and to sell, transfer, convey, lease, mortgage, give in trust and
dispose of its property, real and personal, and any part or
 portion thereof, in such manner as may be deemed convenient, desir-
able, expedient or necessary.
" 10. To borrow money on its notes, bonds, debentures and other
" obligations for the general or any special purpose of the corpora-
 tion and to mortgage, pledge and give in trust any and all of its
 property, real and personal, to secure the payment thereof.
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"11. To do and to perform all other matters and things necessary,

incident, proper desirable or convenient for the accomplishment

of the objects and business above specified and any thereof.

And whereas, at a special meeting of the Board of Directors of said Company duly called and held on said Twenty-second day of June, 1899, at said principal office of said Company (at which said meeting four of said directors were present, the whole number of directors of said Company being five) said directors of said Company present at said meeting by their unanimous vote did concur in, ratify and adopt said resolution so duly passed and adopted by said stockholders of said Company at their said meeting.

Now therefore, Know All men By These presents: That the BUNKER HILL AND SULLIVAN MINING AND CONCENTRATING COMPANY, aforesaid, by Frederick W. Bradley, its President, and George F. Holman, its Secretary, and said Frederick W. Bradley, William H. Crocker, Frederick V. Helman, N.A. Peery and George F. Holman, its Directors, (and being all of the Directors of the Bunker Hill and Sullivan Mining and Concentrating Company) in pursuance of said resolution of said stockholders of said Company and said Directors of said Company, and for the purpose of making and filing Supplementary Articles of Incorporation as provided by the laws of the State of Oregon, does hereby adopt the following.

SUPPLEMENTARY ARTICLES OF INCORPORATION

OF

BUNKER HILL AND SULLIVAN MINING AND CONCENTRATING COMPANY.

The Bunker Hill and Sullivan Mining and Concentrating
Company by its President and Secretary and its Directors hereby
makes and adopts the following Supplementary Articles of Incorporate
ion for the purpose of engaging in the enterprise, pursuit or business as hereinafter set forth in additi on to the objects and

business of said Company set forth in the original Articles of Incorporation of said Company dated the 27th day of July, 1887 (one of the triplicates of which said original Articles of Incorporation being in file in the of fice of the Secretary of State of the State of Oregon, and one of said triplicates being on file in the office of the Clerk of the County Court of Multnomah County, in the State of Oregon) and in the same manner as if there were inserted at the end of Article 111 of said original Articles of Incorporation of said Company the following subdivisions, sections or paragraphs, to-wit:

6. To aid, assist and facilitate in the construction, building, increase, extension, equipment, maintenance and operation of smelters, smelting works, meduction works, mills, concentrators (and)

() other works or plants for working, reducing () treating (or)(and) (or)

ores ()for the extraction () refining of metals; and for such (or)

purposes and any thereof to subscribe to or for or purchase or otherwise acquire, own, hold, sell and dispose of the stocks()

bonds of any other corporation, corporations, company or companies owning, maintaining and operating (now incorporated or to be hereafter incorporated for the purpose in whole or in part of owning, maintaining or operating) smelters smelting works, reduction works, mills, concentrators other works or plants for working reducing treating ores for the extraction of metals; to guarantee or otherwise secure thepayment of any such bonds, interest thereon, or dividends on such stock or stocks as it may been advisable, convenient or proper to otherwise aid, assist and facilitate such corporation, corporations, company or compainies and the purposes of any thereof for which the same is of are or may be incorporated, organi zed, created or formed. 7. To purchase, own , hold, sell, dispose, of any convey (and to sucscribe for) the stocks, bonds(debentures of ans other

corporations or corporations.

- 8. To invest the moneys of this corporation in any stocks, bonds,
 (and)
 debentures ()other negotiable personal property, choses in
 (or)
 action or securities.
- 9. To purchase, own, hold, possess, rent, lease, improve, and acquire all real estate and personal property, necessary, desirable or convenient for the transaction of the business of this corporation and to sell, transfer, convey, lease, mortgage, give in trust and dispose of its property, real and personal, and any part or portion thereof, in such manner as may be deemed convenient, desirable, expedient of necessary.
- 10. To borrow money on its notes, bonds, debentures and other obligations for the general or any special purpose of the corporation and to mortgage, pledge and give in trust any and all of its property, real and personal, to secure the payment thereof.

 11. To do and to perform all other matters and things becessary incident, proper desirable or convenient for the accomplishment of the objects and business above specified and any thereof.

IN WITNESS WHEREOF the Bunker Hill and Sullivan Mining and Concentrating Company, aforesaid, has caused these Supplementary Articles of Incorporation (executed in triplicate) to be signed in its corporate name by Frederick W. Bradley, its President, and By George F. Holman, its Secretary and its corporate seal to be hereunto affixed for and on its behalf and as its act and deed and said directors, Frederick W. Bradley, William H. Crocker, Frederick V. Holman, N.A. Peery and George F. Holman have hereunto set their respective hands and seals this the Twenty-second day of June Anno Domini, one thousand eight hundred and ninety-nine(1899) in due accordance with the foregoing resolutions.

BUNKER HILL AND SULLIVAN MINING AND CONCENTRATING COMPANY.
BY

(Seal)

Frederick W. Bradley, President.

BUNKER HILL AND SULLIVAN MINING AND CONCENTRATING COMPANY.

BY George F.Holman, Secretary.

Witnesses as to all except)
William H. Crocker;)

E.A.Gerstel, Sanderson Reed,

Witnesses as to William H.) Crocker, . . .)

Alex Granger, Geo.T.Know,

Frederick W.Bradley, (Seal) Wm. H. Crocker, (Seal) Frederick V.Holman, (Seal) N.A.Peery (Seal) George F.Holman, (Seal)

Directors of the Bunker Hill and Sullivan Mining and Concentrating Company.

State of Oregon,)
:ss.
County of Multnomah,)

A.D.1899, before me the undersigned, a Notary Public withing and for said State and County, personally came Frederick W. Bradley to me known to be the President and George F. Holman to me known to be the Secretary of the Bunker Hill and Sullivan Mining and Combantrat-Company, ing. A the corporation which executed the foregoing Supplementary Articles of Incorporation and instrument of wrating; and the said Frederick W. Bradley acknowledged to me that the signed the same as President of said Company and as and for its act and deed, and the said George F. Holman acknowledged to me that he, as Secretary of said Company signed the same and affixed to said instrument of writing the corporate seal of said corporation for and on behalf of said corporation and as its act and deed.

And the said Frederick W. Bradley and the said George Holman being by me first severally duly sworn, did depose and say that, he, the said Fredercik W. Bradley is the President, and he, the said George H. Holamn is the secretary of the Bunker Hill and Sullivan Mining and Concentrating Company that they each know the

corporate seal of said Companylthat the seal affixed to the foregoing instrument of writing is such corporate seal; that he the said Frederick W. Bradley as such president signed the name of the Bunker Hill and Sullivan Mining and Concentrating Company to the foregoing instrument of writing; and that he, the said george F. Molman, as such Secretary, signed the name of the Bunke-r Hill and Sullivan Mining and Concentrating Company to the foregoing instru ment of writing, and affixed thereunto the corporate seal of said Company in pursuance of a resolution duly passed by the unanimous vote of all the stock and stockholders of said Company present either personally or duly represented by proxty personally present (and being more than seven-eights of the capital stock of said Company, all of the capital stock of said Company being sucscribed) at an adjourned session of the regular annual meeting of the stockholders of said Company, which annual meeting was duly called and held on the 15th day of June, 1899 and duly adjourned to the 22nd day of June, 1899, and also in pursuance of a resolution of the Board of Directors of said Company duly passed by the unanimous vote of all of the directors of said Company present at said meeting) a quorum being present and participating) and which meeting of the directors was duly called and held on said 22nd day of June, 1899, each and all of said meetings of said stockholders and directors being held a t the principal office of said Company at the City of Portland, oregon.

IN TESTIMONY WHEREOFI have hereunto set my hand and affixed my Notarial Seal this the day and year in this ,my certificate, written.

(10c I.R. Stamp) (Seal)

Sanderson Reed, Notary Public in and for Oregon. State of Oregon,) :ss.
County of Multnomah,)

THIS CERTIFIES that on this twenty-second day of JulyA.D.

1899, before me the undersigned, a duly qualified Notary Public in and for said State and County, personally appeared the withing named Frederick W.Bradley, Frederick V.Holman, N.A.Peery and George F.Holman to me personally known to be the identical individuals described in and whose names are signed to the foregoing Supplementary Articles of Incorporation and instrument of writing; and the said Frederick W. Bradley, Frederick V.Holman, N.A.Peery and George F. Holman each acknowledged to me that he signed and executed the same as his free and coluntary act and deed and for the uses and purposes therein mentioned.

IN TESTIMONY WHEREOF, I have hereunto set may hand and affixed my Notarial Seal this the day and year first in this, my certificate, written.

Sanderson Reed,
Notary Public in and for Oregon.

(10¢ I.R.Stamp.)
(Seal)

State of California,) :ss.
City and County of San Francisco,)

BE IT REMEMBERED That on this 23rd day of August A.D.1899, before me Geo. T Knox a Commissioner for the State of Oregon, duly appointed, commissioned and sworn and residing in said City and County of Sma Francisco, State of California, personally appeared the within named William H. Crocker, to me known to be the identical person described in and who executed the foregoing Supplementary Articles of Incorporation and instrument of writing and the said William H. Crocker duly acknowledged to me that he executed the same as his free and voluntary act and deed and for the uses and purposes therein mentioned.

IN TESTIMONY WEEREOF? Ihave hereunto set my hand and affixed my official seal this the day and year first in this, my certificate, written.

Geo. T. Knox,

Commissioner for the State of oregon residing in the City and County of San

(Seal) (10¢ I.R.Stamp) Francisco, State of California.

Endorsed: Supplementary Articles of Incorporation of Bunker Hill, and Sullivan Mining and Concentrating Company. Dated June 22, 1899.

Filed in the office of the Secretary of State of the State of oregon for Record at Nine o'clock A.M. the 12th day of April 1900 and recorded on page 3, of Book 15 of records of Articles of Incorporation of private corporations.

F.I. Dunbar,

Secretary of State .)

UNITED STATES OF AMERICA.

STATE OF OREGON.

OFFICE OF THE SECRETARY OF STATE.

I, F.I. DUNBAR, SECRETARY OF STATE OF THE STATE OF OREGON, AND CUSTODIAN OF THE SEAL OF SAID STATE, DO HEREBY CERTIFYTHAT the foregoing is a true copy of the original and supplementary Articles of Incorporation of the Bunker Hill and Sullivan Mining and Concentrating Company, and the endorsements thereon, as the same is taken from and compared with the original Article's of Incorporation filed in my office on the 28th day of July, A.D. 1887; with the Supplementary Articles of Incorporation filed in my office and the 3rd day of August, A.D., 1891; and with the Supplementary Articles of Incorporation filed in my office on the 12th day of April A.D. 1900.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed hereto the Seal of the State of Oregon.

Done at the Capitol, at Salem, Oregon, this 4th day of August, A.D. 1903.

(Seal)

F.I. Dunbar. Secretary of State. (Endorsed)

Instrument Number 2121.

Articles of Incorporation and Supplementary Articles of Incorporation of the Bunker. Hill and Sullivan Mining and Concentrating Company.

Filed at the request of M.A.Folsom, Aug. 7, 1903, at 2 o'clock P.M. Records of Shoshone County, State of Idaho.

Stankey P. Fairweather, County Recorder.

By John P. Sheehy, Deputy Recorder.

State of Idaho,) :ss.
County of Shoshone,)

I, Stanley P.Fairweather, County Recorder, in and for the County of Shoshone, in the State of Idaho do hereby certify that the foregoing is a full, true and correct copy of the copy of ARTICLES OF INCORPORATION and SUPPLEMENT RY ARTICLES OF INCORPORATION of the BUNKER HILL and SULLIVAN MINING and CONCENTRATING COMPANY, as appears from the original thereof filed in my office on the 7th day of August, A.D.1903, and now one file in my office and in my custody.

IN TESTIMONY WHEREOF, I hereunto set my hand and affix my official seal at my office in Wallace, Idaho, this 8th day of August, A.D. 1903.

County Recorder.

Deputy.