

CERTIFICATE OF QUALIFICATION OF FOREIGN CORPORATION

I, ARNOLD WILLIAMS, Secretary of State of the State of Idaho, and legal custodian of the corporation records of the State of Idaho, do hereby certify that

ZIMMINCO, INC.

a corporation duly organized and existing under the laws of has fully complied with Section 10 Article II of the Constitution, and with Sections 30-501 and 30-502, Idaho Code, by filing in this office on the day of 17th

19 66, a properly authenticated copy of its articles of incorporation, and on the day of

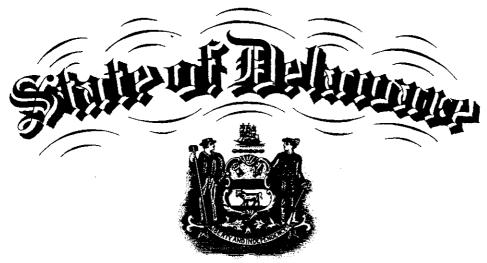
1966, a designation of

the County of as statutory agent for said corporation within the State of Idaho, upon whom process issued by authority of, or under any law of this State, may be served.

AND I FURTHER CERTIFY, That said corporation has complied with the laws of the State of Idaho, relating to corporations not created under the laws of the State, as contained in Chapter 5 of Title 30, Idaho Code, and is therefore duly and regularly qualified as a corporation in Idaho, having the same rights and privileges, and being subject to the same laws, as like domestic corporations.

> IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the Great Seal of the State. Done at Boise City, the Capital of Idaho, this 17th day of A.D. 1966 .

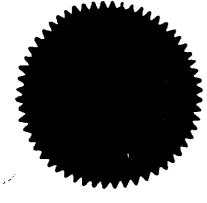
Secretary of State.



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I, Elisha C. Bukes, Secretary of State of the State of Delaware, do hereby certify that the above and foregoing is a true and correct copy of Certificate of Incorporation of the "ZINMINCO, INC.", as received and filed in this office the third day of January, A.D. 1966, at 10 o'clock A.M.

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and official sec	ul at Dover l	hisseventha	lay
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Olicha & Dukes

CERTIFICATE OF INCORPORATION

OF

ZINMINCO, INC.

* * * * *

FIRST. The name of the corporation is ZINMINCO, INC.

SECOND. Its principal office in the State of Delaware is located at No. 100 West Tenth Street, in the City of Wilmington, County of New Castle. The name and address of its resident agent is The Corporation Trust Company, No. 100 West Tenth Street, Wilmington 99, Delaware.

THIRD. The nature of the business, or objects or purposes to be transacted, promoted or carried on are:

To manufacture, construct, assemble, buy, sell, lease, exchange, repair, import, export and otherwise trade in tools, fixtures, castings, stampings, metal forgings and fittings and other metal products of every kind and description, electrical and mechanical instruments and devices of every kind and description, aircrafts systems, missiles, weaponry, appliances, accessories, and equipment; and to engage in the processing or finishing of metals, wood, plastics, and all other materials; and to act as principal agent or representative in the distribution, delivery and sale of goods, wares, merchandise, property, services, commodities and articles of commerce.

To search for and mine zinc and other ores, minerals and mineral substances; to reduce, mill, convert, smelt, concentrate, refine, prepare for market, or otherwise treat, ores, minerals and mineral substances; to

manufacture metals, metal and mineral products, chemicals, chemically based materials, and other products and materials of every kind and description; and to buy, sell, trade in or deal in ores, minerals, mineral substances, metals, metal and mineral products, chemicals, chemically based materials, and other products and materials of every kind and description.

To acquire by purchase, subscription, contract or otherwise, and to hold, sell, exchange, mortgage, pledge or otherwise dispose of, or turn to account or realize upon, and generally to deal in and with, all forms of securities, including, but not by way of limitation, shares, stocks, warrants, voting trust certificates, bonds, debentures, coupons, notes, scrip, mortgages, evidences of indebtedness, commercial paper, certificates of indebtedness and certificates of interest issued or created in any and all parts of the world by corporations, associations, partnerships, firms, trustees, syndicates, individuals, governments, states, municipalities, and other political and governmental divisions and subdivisions, or by any combinations, organizations, or entities whatsoever, or issued or created by others, irrespective of their form or the name by which they may be described, and all trust participation and other certificates of, and receipts evidencing interest in, any such securities, and as owner thereof to possess and exercise all the rights, powers and privileges of ownership, including the right to execute consents and vote thereon, and to do any and all acts and things necessary or advisable for the preservation, protection, improvement and enhancement in value thereof.

To manufacture, purchase or otherwise acquire, invest in, own, mortgage, pledge, sell, assign and transfer or otherwise dispose of, trade, deal in and deal with goods, wares and merchandise and personal property of every class and description.

To acquire, and pay for in cash, stock or bonds of this corporation or otherwise, the good will, rights, assets and property, and to undertake or assume the whole or any part of the obligations or liabilities of any person, firm, association or corporation.

To acquire, hold, use, sell, assign, lease, grant licenses in respect of, mortgage or otherwise dispose of letters patent of the United States or any foreign country, patent rights, licenses and privileges, inventions, improvements and processes, copyrights, trademarks and trade names, relating to or useful in connection with any business of this corporation.

To enter into, make and perform contracts of every kind and description with any person, firm, association, corporation, municipality, county, state, body politic or government or colony or dependency thereof.

To borrow or raise moneys for any of the purposes of the corporation and, from time to time without limit as to amount, to draw, make, accept, endorse, execute and issue promissory notes, drafts, bills of exchange, warrants, bonds, debentures and other negotiable or nonnegotiable instruments and evidences of indebtedness, and to secure the payment of any thereof and of the interest thereon by mortgage upon or pledge, conveyance or assignment in trust of the whole or any part of the property of the corporation, whether at the time owned or thereafter acquired, and to sell, pledge or otherwise dispose of such bonds or other obligations of the corporation for its corporate purposes.

To loan to any person, firm or corporation any of its surplus funds, either with or without security.

To purchase, hold, sell and transfer the shares of its own capital stock; provided it shall not use its funds or property for the purchase of its own shares of capital stock when such use would cause any impairment of its capital except as otherwise permitted by law, and provided further that shares of its own capital stock belonging to it shall not be voted upon directly or indirectly.

To have one or more offices, to carry on all or any of its operations and business and without restriction or limit as to amount to purchase or otherwise acquire, hold, own, mortgage, sell, convey or otherwise dispose of, real and personal property of every class and description

in any of the states, districts, territories or colonies of the United States, and in any and all foreign countries subject to the laws of such state, district, territory, colony or country.

In general, to carry on any other business in connection with the foregoing, and to have and exercise all the powers conferred by the laws of Delaware upon corporations formed under the General Corporation Law of the State of Delaware, and to do any or all of the things hereinbefore set forth to the same extent as natural persons might or could do.

The objects and purposes specified in the foregoing clauses shall, except where otherwise expressed, be
in no wise limited or restricted by reference to, or interference from, the terms of any other clause in this Certificate of Incorporation, but the objects and purposes specified in each of the foregoing clauses of this article shall
be regarded as independent objects and purposes.

FOURTH. The total number of shares of stock which the corporation shall have authority to issue is two thousand (2,000); all of such shares shall be without par value.

FIFTH. The minimum amount of capital with which the corporation will commence business is One Thousand Dollars (\$1,000.00).

SIXTH. The names and places of residence of the incorporators are as follows:

NAMES

S. H. Livesay

F. J. Obara, Jr.

A. D. Grier

RESIDENCES

Wilmington, Delaware
Wilmington, Delaware
Wilmington, Delaware

SEVENTH. The corporation is to have perpetual existence.

EIGHTH. The private property of the stockholders shall not be subject to the payment of corporate debts to any extent whatever.

NINTH. In furtherance and not in limitation of the powers conferred by statute, the board of directors is expressly authorized:

To make, alter or repeal the by-laws of the corporation.

To authorize and cause to be executed mortgages and liens upon the real and personal property of the corporation.

To set apart out of any of the funds of the corporation available for dividends a reserve or reserves for any proper purpose and to abolish any such reserve in the manner in which it was created.

By resolution passed by a majority of the whole — board, to designate one or more committees, each committee to consist of two or more of the directors of the corporation, which, to the extent provided in the resolution or in the by-laws of the corporation, shall have and may exercise the powers of the board of directors in the management of

the business and affairs of the corporation, and may authorize the seal of the corporation to be affixed to all papers which may require it. Such committee or committees shall have such name or names as may be stated in the bylaws of the corporation or as may be determined from time to time by resolution adopted by the board of directors.

When and as authorized by the affirmative vote of the holders of a majority of the stock issued and outstanding having voting power given at a stockholders meeting duly called for that purpose, or when authorized by the written consent of the holders of a majority of the voting stock issued and outstanding, to sell, lease or exchange all of the property and assets of the corporation, including its good will and its corporate franchises, upon such terms and conditions and for such consideration, which may be in whole or in part shares of stock in, and/or other securities of, any other corporation or corporations, as its board of directors shall deem expedient and for the best interests of the corporation.

TENTH. Whenever a compromise or arrangement is proposed between this corporation and its creditors or any class of them and/or between this corporation and its stockholders or any class of them, any court of equitable jurisdiction within the State of Delaware may, on the application in a summary way of this corporation or of any creditor or stockholder thereof, or on the application of any receiver or receivers appointed for this corporation under the provisions of section 291 of Title 8 of the Delaware Code or on the application of trustees in dissolution or of any

receiver or receivers appointed for this corporation under the provisions of section 279 of Title 8 of the Delaware uCode order a meeting of the creditors or class of creditors, and/or of the stockholders or class of stockholders of this corporation, as the case may be, to be summoned in such manner as the said court directs. If a majority in number representing three-fourths in value of the creditors or class of creditors, and/or of the stockholders or class of stockholders of this corporation, as the case may be, agree to any compromise or arrangement and to any reorganization of this corporation as consequence of such compromise or arrangement, the said compromise or arrangement and the said reorganization shall, if sanctioned by the court to which the said application has been made, be binding on all the creditors or class of creditors, and/or on all the stockholders or class of stockholders, of this corporation, as the case may be, and also on this corporation.

tween this corporation and any other corporation and no other act of this corporation shall, in the absence of fraud, in any way be affected or invalidated by the fact that any of the Directors or officers of this corporation are directors, officers or stockholders of such other corporation or are pecuniarily or otherwise interested in such other corporation or in such contract or other transaction or in such act of this corporation. Any Director of this corporation individually, or any firm or association of which any Director may be a member, or any corporation of which he may be a director.

officer or stockholder, may be a party to, or may be pecuniarily or otherwise interested in, any contract or transaction of this corporation, provided that the fact that he individually or such firm, association or corporation is such a party or is so interested shall be disclosed or shall have been known to the Board of Directors or to such members thereof as shall be present at any meeting of the Board of Directors at which action upon any such contract or transaction shall be taken. Any Director of this corporation who is also a director or officer of such other corporation or who is so interested individually or is a member of any firm or association or is a director, officer or stockholder of any corporation which is a party to such contract or other transaction, or is so pecuniarily or otherwise interested, may be counted in determining the existence of a quorum at any meeting of the Board of Directors which shall authorize any such contract or transaction, and may vote thereat to authorize or ratify any such contract or transaction, with like force and effect as if he were not such a party or not a member of such firm or association or not a director, officer or stockholder of such other corporation or not so interested. Any Director of this corporation may vote upon any contract or other transaction between this corporation and any subsidiary or affiliated corporation without regard to the fact that he is also a director, officer or stockholder of such subsidiary or affiliated corporation.

No contract or other transaction between this corporation and any or all of its stockholders shall, in the absence of fraud, in any way be invalidated or otherwise affected by the fact that such stockholder or stock-holders are pecuniarily or otherwise interested in such contract or other transaction.

person made a party to an action by or in the right of the corporation to procure a judgment in its favor by reason of his being or having been a Director or officer of the corporation, or of any other corporation which he served as such at the request of the corporation, against the reasonable expenses including attorneys! fees, actually and necessarily incurred by him in connection with the defense orsettlement of such action, or in connection with an appeal therein, except in relation to matters as to which such Director or officer is adjudged to have been guilty of negligence or misconduct in the performance of his duty to the corporation.

The corporation shall indemnify any person made a party to an action, suit or proceeding other than one by or in the right of the corporation to procure a judgment in its favor, whether civil or criminal, brought to impose a liability or penalty on such person in his capacity of Director or officer of the corporation, or of any other corporation which he served as such at the request of the corporation, against judgments, fines, amounts paid in settlement and reasonable expenses, including attorneys!

action, suit or proceeding, or any appeal therein, if such Director or officer acted in good faith in the reasonable belief that such action was in the best interests of the corporation, and in criminal actions or proceedings, without reasonable ground for belief that such action was unlawful. The termination of any such civil or criminal action, suit or proceeding by judgment, settlement, conviction or upon a plea of nolo contendere shall not in itself create a presumption that any such Director or officer did not act in good faith in the reasonable belief that such action was in the best interest of the corporation or that he had reasonable ground for belief that such action was unlawful.

THIRTEENTH. Meetings of stockholders may be held outside the State of Delaware, if the by-laws so provide. The books of the corporation may be kept (subject to any provisions contained in the statutes) outside the State of Delaware at such place or places as may be designated from time to time by the board of directors or in the by-laws of the corporation. Elections of directors need not be by ballot unless the by-laws of the corporation shall so provide.

FOURTEENTH. The corporation reserves the right to amend, alter, change or repeal any provision contained in this Certificate of Incorporation, in the manner now or hereafter prescribed by statute, and all rights conferred upon stockholders herein are granted subject to this reservation.

WE, THE UNDERSIGNED, being each of the incorporators hereinbefore named, for the purpose of forming a

corporation pursuant to the General Corporation Law of the State of Delaware, do make this certificate, hereby declaring and certifying that the facts herein stated are true, and accordingly have hereunto set our hands and seals this 3rd day of Perember, 1966.

January

_(SEAL)

(SEAL)

(SEAL)

STATE OF DELAWARE) : ss.:
COUNTY OF NEW CASTLE)

BE IT REMEMBERED that on this 3rd day of January PROGRAGE, 1966, personally came before me, a Notary Public for the State of Delaware, and S. H. Livesay, F. J.

Obara, Jr. and A. D. Grier, , all of the parties to the foregoing certificate of incorporation, known to me personally to be such, and severally acknowledged the said certificate to be the act and deed of the signers respectively and that the facts therein stated are truly set forth.

GIVEN under my hand and seal of office the day and year aforesaid.

Notary Public

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