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TRADEMARKS ONLY

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Please



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TRADEMARKS ONLY

1. Name of Party(ies) conveying an interest:
 PENTECH ENERGY SOLUTIONS, ICN.

Entity:

Individual(s) Association
 General Partnership Limited Partnership
 Corporation-State
 Other

3. Interest Conveyed:
 Assignment Change of Name
 Security Agreement Merger
 Other

Execution Date: May 26, 1999

2. Name and Address of Party(ies) receiving an interest:
 Name: IMPERIAL BANK

Address: 11512 EL CAMINO REAL, SUITE 350
 SAN DIEGO, CALIFORNIA 92130

Entity:

Individual(s) Association
 Corporation-State General Partnership Limited Partnership
 Other

Citizenship

If not domiciled in the United States, a domestic representative designation is attached:
 Yes
 No

(The attached document must not be an assignment)



4. Application number(s) or registration number(s). Additional sheet attached? Yes No

A. Trademark Application No.(s) 1. U.S. Application No. 75/483,236 2. U.S. Application No. 75/483,152	B. Trademark Registration No.(s)
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5. Please mail documents back to:
 Cushman Darby & Cushman
 Intellectual Property Group of
 Pillsbury Madison & Sutro LLP
 1100 New York Avenue, N.W.
 Washington, D.C. 20005-3918

6. Number of applications and registrations involved: 2

7. Amount of fee enclosed: \$ 65.00

8. If above amount is missing or inadequate, charge deficiency to our Deposit Account No. 03-3975 under Order No. 42075 / 0000036.
 C# M#

DO NOT USE THIS SPACE

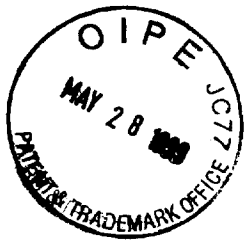
06/02/1999 JSHABAZZ 00000036 75483236
 FC:482 25.00 OF
 FC:481 40.00 OF

9. Statement and signature.
 To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Signature

Total number of pages including cover sheet, attachments and document. (excluding duplicate cover sheet)	12
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Attorney: Barry P. Golob
 Date: May 28, 1999 Tel: (202) 861-3679
 Atty/Sec: BPG/kh Fax: (202) 822-0944



INTELLECTUAL PROPERTY SECURITY AGREEMENT (Borrower as Grantor)

This Intellectual Property Security Agreement (this "Agreement") is made as of May 14, 1999, by Pentech Energy Solutions, Inc. ("Borrower") in favor of IMPERIAL BANK, a California chartered bank ("Secured Party").

RECITALS

- A. Secured Party has agreed to lend to Borrower certain amounts (the "Loan"), as more fully described in a Credit Agreement, dated as of May 14, 1999, (as amended from time to time, the "Loan Agreement").
- B. One of the preconditions to Secured Party's obligation to make any Loan advance is Borrower's grant to Secured Party of a security interest in the "Intellectual Property Collateral," as defined in Section 2, to secure Borrower's obligations to Secured Party.
- C. To induce Secured Party to advance the Loan pursuant to the terms of the Loan Agreement, Borrower has agreed to enter into this Agreement.

AGREEMENTS

1. Definitions. The following terms not otherwise defined herein will have the meanings indicated:
- a. "Copyrights" means copyrights, registrations and applications therefor, and any and all (i) renewals and extensions thereof, (ii) income, royalties, damages and payments now and hereafter due or payable with respect thereto, including damages and payments for past or future infringements thereof, (iii) rights to sue for past, present and future infringements thereof, and (iv) all other rights corresponding thereto throughout the world.
- b. "Licenses" means license agreements in which a party grants or receives a grant of any interest in Copyrights, Trademarks, Patents and Trade Secrets and other intellectual property and any and all (i) renewals, extensions, supplements, amendments and continuations thereof, (ii) income, royalties, damages and payments now and hereafter due or payable to the party with respect thereto, including damages and payments for past or future violations or infringements or misappropriations thereof, and (iii) rights to sue for past, present and future violations or infringements thereof.
- c. "Patents" means patents and patent applications along with any and all (i) inventions and improvements described and claimed therein, (ii) reissues, reexaminations, divisions, continuations, renewals, extensions and continuations-in-part thereof, (iii) income, royalties, damages and payments now and hereafter due and/or payable to the holder with respect thereto, including damages and payments for past or future infringements thereof, (iv) rights to sue for past, present and future infringements thereof, and (v) all other rights corresponding thereto throughout the world.

d. **"Trademarks"** means trademarks (including service marks and trade names, whether registered or at common law), registrations and applications therefor, and the entire product lines and goodwill of the owner's business connected therewith and symbolized thereby, together with any and all (i) renewals thereof, (ii) income, royalties, damages and payments now and hereafter due or payable with respect thereto, including damages and payments for past or future infringements thereof, (iii) rights to sue for past, present and future infringements or misappropriations thereof, and (iv) all other rights corresponding thereto throughout the world.

e. **"Trade Secrets"** means trade secrets, along with any and all (i) income, royalties, damages and payments now and hereafter due and/or payable to the owner with respect thereto, including damages and payments for past or future infringements or misappropriations thereof, (ii) rights to sue for past, present and future infringements or misappropriations thereof, and (iii) all other rights corresponding thereto throughout the world.

2. **Grant of Security Interest.** Borrower hereby grants to Secured Party a security interest in the following described intellectual property (collectively, the "Intellectual Property Collateral"):

All Copyrights of Borrower, now owned or hereafter acquired, including those Copyrights listed on Exhibit A hereto.

All Licenses of Borrower, now owned or hereafter acquired, including those Licenses listed on Exhibit A hereto.

All Patents of Borrower, now owned or hereafter acquired, including those Patents listed on Exhibit A hereto.

All Trademarks of Borrower, now owned or hereafter acquired, including those Trademarks listed on Exhibit A hereto.

All Trade Secrets of Borrower, now owned or hereafter acquired.

All files and records of Borrower or in which Borrower has any interest and supporting evidence and documents relating to the Intellectual Property Collateral, including computer programs, disks, tapes and related electronic data processing media, all rights of Borrower to retrieval from third parties of electronically processed and recorded information, and all payment records, correspondence, license agreements and the like, together with all Borrower's books of account, ledgers, cabinets and equipment in which the same are reflected or maintained, now owned or hereafter acquired.

All proceeds of the foregoing.

3. **Secured Indebtedness.** The Intellectual Property Collateral secures and will secure all Indebtedness of Borrower to Secured Party. For purposes of this Agreement, "Indebtedness" will mean all loans and advances made by Secured Party to Borrower, including related interest, loan fees, charges, attorneys' fees and other expenses for which Borrower is obligated, all guaranties by Borrower in favor of Secured Party and all other

obligations and liabilities of Borrower to Secured Party, whether now existing or hereafter incurred or created, whether voluntary or involuntary, whether due or not due, whether absolute or contingent, or whether incurred directly or acquired by Secured Party by assignment or otherwise. Without limiting the generality of the foregoing, "Indebtedness" includes all obligations of Borrower to Secured Party under any promissory note or other instrument evidencing debt, including all renewals and modifications thereof, and under any guaranty.

4. Representations and Warranties of Borrower. Borrower represents and warrants that:

a. This Agreement has been duly executed and delivered by Borrower and is a legal, valid and binding obligation of Borrower enforceable against Borrower in accordance with its terms, except as enforceability may be affected by bankruptcy and other laws affecting creditors' rights generally and equitable principles, and performance of this Agreement by Borrower does not conflict with or result in a breach of Borrower's organizational documents or any agreement, law, regulation or order by which Borrower or its property may be bound.

b. The Intellectual Property Collateral is existing and is valid and enforceable.

c. Borrower is and will be and remain the sole and exclusive owner of the Intellectual Property Collateral, all of which is and will be free and clear of any liens, charges and encumbrances, except those in favor of Secured Party or to which Secured Party has consented in writing.

d. The Intellectual Property Collateral is and will be sufficient for the purpose of producing all goods, performing the services and otherwise carrying on the business of Borrower to which it relates.

e. The Intellectual Property Collateral does not infringe any rights owned or possessed by any third party.

f. There are no material claims, judgments or settlements to be paid by Borrower or pending claims or litigation relating to the Intellectual Property Collateral.

g. No effective security agreement, financing statement, equivalent security or lien instrument or continuation statement covering all or any part of the Intellectual Property Collateral is on file or of record in any public office, except such as may have been filed by Borrower in favor of Secured Party.

h. When all appropriate filings have been made with the United States Patent and Trademark Office, the United States Copyright Office, and the Secretary of State of the State of California, Secured Party will have a valid and continuing first priority lien on and first priority security interest in the Intellectual Property Collateral in which a security interest may be perfected under the laws of the United States or any state thereof and all action necessary to protect and create such security interest in each such item of the Intellectual Property Collateral will have been duly taken.

5. Covenants of Borrower. Borrower agrees that:

a. Borrower will preserve and maintain all rights in the Intellectual Property Collateral, will diligently pursue any patent, trademark and copyright applications, and will timely and fully perform all Borrower's obligations in connection with the Intellectual Property Collateral.

b. Borrower will execute, procure, deliver, register and/or record all such documents and showings and take all further action as is necessary, including paying maintenance fees on Intellectual Property Collateral, or reasonably requested by Secured Party from time to time to evidence, register, record and/or perfect Secured Party rights hereunder, including as respects additional Intellectual Property Collateral contemplated in paragraph 5.j. hereinbelow, or otherwise carry out the intent and purposes of this Agreement. Secured Party may, at its option, make any such recordation or filing in which case Borrower will reimburse Secured party's related costs promptly following receipt of an invoice therefor.

c. Borrower will take appropriate action to halt the infringement of any of the Intellectual Property Collateral if such infringement could have a material adverse effect on the value of the Intellectual Property Collateral or Borrower's ability to use the Intellectual Property Collateral, and Borrower will promptly notify Secured Party of such infringement or any other event which would have a material adverse effect on the value of the Intellectual Property Collateral.

d. Borrower will not amend, modify, terminate or waive any provisions of any other contract to which Borrower is a party in any manner which might materially adversely affect the Intellectual Property Collateral.

e. Borrower will not transfer or further encumber any interest in the Intellectual Property Collateral, except for non-exclusive licenses granted by Borrower in the ordinary course of business.

f. Borrower will pay promptly when due all taxes, assessments and governmental charges or levies imposed upon the Intellectual Property Collateral or in respect of its income or profits therefrom and all claims of any kind, except that no such charge need be paid if (i) such non-payment would not involve any danger of forfeiture or loss of any of the Intellectual Property Collateral or any interest therein and (ii) such charge is adequately reserved in accordance with and to the extent required by GAAP.

g. Borrower will promptly notify Secured Party of any changes in Borrower's principal office address, state of incorporation, name or corporate structure.

h. Upon reasonable notice (unless a default has occurred and is continuing, in which case no notice is necessary), Borrower will at all times afford Secured Party full and free access during normal business hours to all the books and records and correspondence of Borrower, and Secured Party or its representatives may examine the same, take extracts therefrom and make photocopies thereof. Borrower agrees to provide Secured Party, at Borrower's cost and expense, such clerical and other assistance as may be reasonably requested with regard thereto.

i. Borrower will keep and maintain adequate and complete records of the Intellectual Property Collateral, including a record of all payments received and all credits granted with respect to the Intellectual Property Collateral and all other dealings with respect to the Intellectual Property Collateral. Borrower will mark its books and records pertaining to the Intellectual Property Collateral to evidence this Agreement and the security interest granted hereby.

j. If prior to the time the Indebtedness has been paid in full Borrower obtains any rights to or interests in any new inventions, whether or not patentable, or additional Intellectual Property Collateral, Borrower will promptly notify Secured Party thereof.

k. Borrower will not enter into any agreement which precludes Borrower's grant of a security interest to Secured Party in any Intellectual Property Collateral without Secured Party's prior written consent.

l. Borrower will supply to Secured Party any source code related to any Intellectual Property Collateral, as may be amended or updated from time to time, it being understood that Secured Party will not utilize or disseminate such source code except following a default and as contemplated in Section 8.

6. Further Understandings. Borrower's rights as to the Intellectual Property Collateral are subject to the following further understandings:

a. Prior to the occurrence of a default hereunder Borrower may continue to exploit, license, franchise, use, enjoy and protect (whether in the United States of America or any foreign jurisdiction) the Intellectual Property Collateral in the ordinary course of business and in a manner consistent with the preservation of Secured Party's rights hereunder, and Secured Party will execute and deliver, at Borrower's sole cost and expense, any and all instruments, certificates or other documents reasonably requested by Borrower to enable Borrower to do so.

b. This Agreement, and the security interest created hereunder, will terminate when (i) all Indebtedness has been fully paid and satisfied and (ii) there are no outstanding commitments for additional Indebtedness. Secured Party (without recourse upon, or any warranty whatsoever by, Secured Party) will then execute and deliver to Borrower such documents and instruments evidencing the termination of the security interest hereunder as Borrower may reasonably request.

c. Borrower hereby irrevocably appoints Secured Party as Borrower's attorney-in-fact, with full authority in the place and stead of Borrower and in the name of Borrower, from time to time in Secured party's discretion, to take any action and to execute any instrument which Secured party may deem necessary or advisable to accomplish the purposes of this Agreement, including (i) to modify, in its sole discretion, this Agreement without first obtaining Borrower's approval of or signature to such modification by amending any Exhibit hereto to include reference to any Intellectual Property Collateral acquired by Borrower after the execution hereof or to delete any reference to any Intellectual Property Collateral in which Secured Party no longer has or claims any interest and (ii) to file, in its sole discretion, one or

more financing or continuation statements and amendments thereto relative to any of the Intellectual Property Collateral without the signature of Borrower, where permitted by law.

7. Default. The occurrence of one or more of the following will be a default hereunder:
- a. Borrower fails to pay any Indebtedness to Secured Party when due.
 - b. Borrower breaches any term, provision, warranty or representation under this Agreement, the Loan Agreement or any other loan agreement or other agreement under which Borrower has obligations relating to the Indebtedness, or Borrower breaches any other obligation to Secured Party.
 - c. Any custodian, receiver or trustee is appointed to take possession, custody or control of all or a substantial portion of the assets of Borrower or of any guarantor of any Indebtedness.
 - d. Borrower or any guarantor of any Indebtedness becomes insolvent, generally not paying its debts as they become due, fails in business, makes a general assignment for the benefit of creditors, dies or voluntarily files under any bankruptcy or other law for the relief of or relating to debtors.
 - e. Any involuntary petition is filed against Borrower or any guarantor of any Indebtedness under any bankruptcy or other law for the relief of or relating to debtors and such petition is not dismissed within forty-five (45) days of filing.
 - f. Any involuntary lien of any kind or character attaches to, or any levies of attachment, execution, tax assessment or similar legal process are issued against, any material assets or property of Borrower or any guarantor of any Indebtedness.
 - g. Any financial statements, profit and loss statements, certificates, schedules, or other information furnished by Borrower or as guarantor of any Indebtedness to Secured Party relating to Borrower's or the guarantor's financial condition or the Intellectual Property Collateral proves false or incorrect in any material respect when made.
 - h. Any other default under the Loan Agreement or a related document occurs.
 - i. Any guarantor of the Indebtedness revokes or repudiates any provision of its guaranty therefor.
8. Secured Party's Remedies After Default. Upon the occurrence of any event or the existence of any condition which constitutes a default under Section 7, Secured Party may take any one or more of the following actions, all without notice, demand, legal process, protest or presentment of any kind:
- a. Declare any or all Indebtedness immediately due and payable, without notice or demand.

- b. Exercise any and all rights and powers of the Borrower respecting the Intellectual Property Collateral.
- c. Sell or assign or grant a license or franchise to use, or cause to be sold or assigned or granted a license or franchise to use, any or all of the Intellectual Property Collateral, in each case, free of all rights and claims of Borrower therein and thereto (but subject, in each case, to the rights of others heretofore granted or created by Borrower as contemplated herein).
- d. Exercise the rights and remedies of a secured party under the California Commercial Code or any other applicable law, including selling the Intellectual Property Collateral at public or private sale, for cash or on credit, in whole or in part and on such terms as Secured Party may determine.
- e. Require Borrower to assemble any tangible Intellectual Property Collateral and make such Intellectual Property Collateral available to Secured Party at a place designated by Secured Party or to deliver a copy to Secured Party of any such Intellectual Property Collateral consisting of books, records, computer disks, tapes and the like.
- f. Enter the premises of Borrower or third parties in order to take possession of any tangible Intellectual Property Collateral.
- g. Require Borrower to segregate all collections and proceeds of the Intellectual Property Collateral so that they are capable of identification and deliver daily such collections and proceeds to Secured Party in kind.
- h. Notify any obligated persons of Secured Party's interest in the Intellectual Property Collateral and the proceeds thereof and require any such persons to forward all remittances, payments and proceeds respecting the Intellectual Property Collateral to Secured Party or a post office box under Secured Party's exclusive control.
- i. Demand and collect any proceeds of the Intellectual Property Collateral.
- j. Bring suit in its own or Borrower's name to protect or enforce Borrower's rights respecting any Intellectual Property Collateral, in which case Borrower will do any and all lawful acts and execute any and all proper documents requested by Secured Party in connection with such action.
- k. Grant extensions of time for payment of amounts due respecting any Intellectual Property Collateral and compromise or settle claims or disputes of any customer of Borrower or any third party relating to any Intellectual Property Collateral, including compromises and settlements that are for less than the full amount due or involve discounts, credits or allowances other than in the ordinary course of business, all as Secured Party in good faith deems advisable or appropriate and without prior notice to or consent of Borrower.
- l. Use any Intellectual Property Collateral in connection with any assembly, use or disposition of other collateral in which Borrower has granted a security interest to Secured Party.

m. Take such measures as Secured Party may deem reasonably necessary or advisable to preserve, maintain, protect or develop the Intellectual Property Collateral or any portion thereof or to perform such obligations hereunder as Borrower may have failed to perform without curing Borrower's default arising from such failure.

n. Apply to any court of competent jurisdiction for appointment of a receiver to enforce any of Secured Party's remedies with respect to the Intellectual Property Collateral to which appointment Borrower hereby consents.

o. Apply all recoveries received by Secured Party pursuant to the exercise of Secured party's rights hereunder, net of all Secured Party's related costs and expenses, to the Indebtedness with Borrower remaining liable for any deficiency.

p. Demand Borrower's payment of all Secured Party's costs and expenses incurred in connection with the exercise by Secured Party of its rights hereunder not offset against recoveries as provided in paragraph 8. hereinabove.

q. Institute proceedings to enforce Secured Party's rights to any amounts owed by Borrower hereunder.

r. Exercise such further remedies as Secured Party may have at law or in equity.

9. Miscellaneous.

a. Except for the gross negligence or willful misconduct of Secured Party, Secured Party will have no liability for any handling or mishandling of any check, note, acceptance or other instrument which the maker thereof tenders to Borrower or Secured Party in connection with the Intellectual Property Collateral.

b. All representations, warranties, covenants, agreements, terms and conditions made herein will survive the execution, delivery and closing of this Agreement and all transactions contemplated hereby.

c. No failure or delay on the part of Secured Party in the exercise of any power, right or privilege hereunder or to insist on strict compliance or performance of the representations, warranties, covenants, agreements, terms and conditions of this Agreement will operate as a waiver thereof.

d. Time and exactitude of each of the terms, obligations, covenants and conditions are hereby declared to be of the essence hereof.

e. This Agreement will be governed by and construed according to the laws of the State of California.

f. All rights and remedies herein provided are cumulative and not exclusive of any rights or remedies otherwise provided by law. Such rights and remedies may be exercised singularly or collectively from time to time, and thus any single or partial exercise of any right

or remedy will not preclude the further exercise thereof or the exercise of any other right or remedy.

g. The defined terms in this Agreement will apply equally to both the singular and the plural forms of the terms defined. Whenever the context may require, any pronoun will include the corresponding masculine, feminine and neuter forms. The words "include," "includes" and "including" when used in this Agreement will be deemed to be followed by the phrase "without limitation."

h. In the event of any action or proceeding that involves the protection, preservation or enforcement of Secured Party's rights or Borrower's obligations relating to this Agreement or the Indebtedness, Secured Party will be entitled to reimbursement from Borrower of all costs and expenses associated with said action or proceeding, including reasonable attorney's fees and litigation expenses. Borrower will reimburse Secured Party for all reasonable attorneys' fees and expenses incurred in the representation of Secured Party in any aspect of any bankruptcy or insolvency proceeding initiated by or on behalf of Borrower that concerns any of Borrower's obligations to Secured Party under this Agreement, the Indebtedness or otherwise. In the event of a judgment against one party concerning any aspect of this Agreement or the Indebtedness, the right to recover post-judgment attorneys' fees incurred in enforcing the judgment will not be merged into and extinguished by any money judgment. The provisions of this paragraph constitute a distinct and severable agreement from the other contractual rights created by this Agreement or the Indebtedness.

i. Borrower hereby waives diligence, presentment, protest and demand and notice of every kind and, to the extent permitted by law, the right to plead any statute of limitations as a defense to any demand hereunder. Borrower further waives any right to require Secured Party to proceed against any person for payment of the Indebtedness or against any other security Secured Party may have for the Indebtedness as a condition to realizing upon any Intellectual Property Collateral hereunder.

j. If any provisions of this Security Agreement are held to be invalid, illegal, unenforceable or against public policy in any respect, the validity, legality and enforceability of the remaining provisions will not in any way be affected or impaired thereby.

k. Borrower will indemnify, defend and hold Secured Party harmless from and against any claims, losses, damages, suits, costs and expenses incurred by or asserted against Secured Party arising out of this Agreement, including Secured Party's enforcement of its rights hereunder, except where the covered matter results from Secured Party's gross negligence or willful misconduct.

1. This Agreement will inure to the benefit of Secured Party and its successors and assigns. Borrower will not assign any of Borrower's rights, duties or obligations hereunder. Any such assignment by Borrower will be void and of no effect as to Secured Party and its successors or assigns.

Executed as of MAY 26, 1999 at SAN DIEGO, California.

PENTECH ENERGY SOLUTIONS, INC.

By: Jerome Foster

Jerome Foster

Title: President

Address: 6885 Flanders Drive, Suite B
San Diego, CA 92121

Sworn and subscribed before me this 26 day of MAY 1999.

Notary Public: Michael T. De Frates II

My Commission expires on: June 16, 2002

