

Receiver: 3/18/02 5:18PM;

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SENT BY: OPTI CANADA INC.;

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MAR-18-02 3:07PM;

PAGE 4/5

Received: 3/18/02 1:04PM;

925 283 5015 -> OPTI Canada Inc.; Page 5

Sent By: OPTI;

925 283 5015;

Mar-18-02 16:08;

Page 5

Sent By: Nath & Associates PLLC;

202 775 8396;

Mar-18-02 11:54AM;

Page 4/5

PATENT

Attorney Docket No. 15160

ORMAT INDUSTRIES LTD. ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION given to Philip RETTGER of Walnut Creek, California, Randall GOLDSTEIN of Moraga, California, and Jim ARNOLD, of Calgary, Alberta, CANADA, hereinafter referred to as the ASSIGNORS, who have made an invention relating to: **METHOD OF AND APPARATUS FOR UPGRADING AND GASIFYING HEAVY HYDROCARBON FEEDS** for which an application for Letters Patent has been filed in the United States Patent and Trademark Office on December 26, 2001, and assigned Serial Number 10/025,996;

AND WHEREAS, **ORMAT INDUSTRIES LTD.**, a corporation organized and existing under the laws of Israel, whose post office address/business address is: P.O. Box 68, Yavne, Israel, 70650 hereinafter referred to as the ASSIGNEE is desirous of acquiring hereinafter the entire right, title and interest for the United States and elsewhere throughout the world in and to the inventions and improvements therein described, disclosed and/or claimed, and including any and all divisions and continuations of the applications, and any and all Letters Patent that may be granted thereon, including any and all renewals, reissues and prolongations thereof.

NOW, THIS WITNESSETH that for, and in consideration of, One Dollar (\$1.00) and other good and valuable consideration, the receipt whereof is hereby acknowledged, said ASSIGNOR(S) hereby assign, sell and transfer to said ASSIGNEE, its assigns and legal representatives, the entire exclusive right, title and interest in and to said invention and application, for the United States and elsewhere throughout the world including any and all divisions and continuations thereof, including the right to claim priority, and any and all Letters Patent which may be granted therefor, said ASSIGNEE and its assigns and legal representatives to have, hold, exercise and enjoy the said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges, and advantages in any way arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, and prolongations thereof, for the use and benefit of said ASSIGNEE and its assigns and legal representatives in as ample and beneficial a manner to all intents and purposes as the said ASSIGNOR(S) might or could have held and enjoyed the same, if this assignment has not been made.

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PAGE 5/5

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Page 6

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Mar-18-02 11:55AM;

Page 5/5

Attorney Docket No.: 15160

Page 2

AND said ASSIGNOR(S) hereby agree to execute all papers necessary to file applications in the United States and elsewhere throughout the world for said invention and to assign the same to said ASSIGNEE, or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing Letters Patent thereon.

The undersigned hereby grants Gary M. Nath, Reg. No. 26,965; Harold L. Novick, Reg. No. 26,011; Todd L. Juneau, Reg. No. 40,669; Lee C. Heiman, Reg. No. 41,827; Jerald L. Meyer, Reg. No. 41,194; Joshua B. Goldberg, Reg. No. 44,126; Marvin C. Berkowitz, Reg. No. 47,421; and Joseph K. Hemby, Jr., Reg. No. 42,652 the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

AND said ASSIGNOR(S) authorize and request the Commissioner of Patents to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEE, its assigns and legal representatives, in accordance herewith.

By: Philip B. Rettger March 18, 2002
Philip RETTGER Date

By: Randall Goldstein March 18, 2002
Randall GOLDSTEIN Date

By: Jim Arnold March 18, 2002
Jim ARNOLD Date