

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
DAVID EARLE HAYWARD	03/01/2017
MARVIN RONNIE BAKER	03/01/2017
RECEIVING PARTY DATA	
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PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	14022303
Application Number:	15428832
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DATE SIGNED:	01/05/2022
Total Attachments: 2	
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source=17747US01_Assignment#page2.tif	

ASSIGNMENT

WHEREAS, We, **David Earle Hayward** and **Marvin Ronnie Baker**, have invented certain new and useful improvements in

PROCESS AND DEVICE FOR DEVOLATIZING A FEEDSTOCK

which is the subject of U.S. Patent Application No. 14/022,303, filed September 10, 2013; and application Serial No. 15/428,832, filed February 9, 2017;

WHEREAS, **D4 Energy Group, Inc.**, a corporation duly organized under the laws of the State of Delaware, and having its principal place of business at 1310 G Street NW, Washington DC 20004, is desirous of acquiring an interest in, to, and under said invention, said Application and any and all Letters Patent which may be granted for or upon said invention in the United States of America and all countries foreign thereto.


NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledge, We, **David Earle Hayward** and **Marvin Ronnie Baker**, have sold, assigned, and transferred, and by these presents do sell, assign, and transfer unto said **D4 Energy Group, Inc.**, the full and exclusive right, title, and interest, throughout the world, in, to, and under the following:

- (a) said invention as fully set forth and described in said Application;
- (b) said Application Serial No. 14/022,303, filed September 10, 2013; and application Serial No. 15/428,832, filed February 9, 2017;
- (c) any and all refilings, divisions, and continuations of said Application;
- (d) any and all Letters Patent of the United States of America that may issue from said Application, refilings, divisions, and continuations;
- (e) any and all reissues of said Letters Patent of the United States of America;
- (f) any and all applications for Letters Patent on said invention that may hereafter be filed in any and all countries foreign to the United States of America, together with all rights to file and to claim priority in connection with said foreign-filed applications;

- (g) any and all refilings, divisions, and continuations of said foreign-filed applications;
- (h) any and all Letters Patent of countries foreign to the United States of America that may issue from said foreign-filed applications, refilings, divisions, and continuations; and
- (i) any and all extension of, and additions to, said Letters Patent of countries foreign to the United States of America.

ALL of the above shall be held and enjoyed by said **D4 Energy Group, Inc.** for its own use and behoof, and for its successors, legal representatives, and assigns, to the full end of the term for which said Letters Patent may be granted, and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent in accordance with this Assignment.

Executed this 1st day of March, 2017.


DAVID EARLE HAYWARD


MARVIN RONNIE BAKER