

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT5665980

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
DAANISH MAQBOOL	05/03/2019
NITAY RAVIN	06/24/2019
CARSON MYERS	06/17/2019
RECEIVING PARTY DATA	
Name:	NORTH AMERICAN WAVE ENGINE CORPORATION
Street Address:	387 TECHNOLOGY DRIVE, SUITE 1114
City:	COLLEGE PARK
State/Country:	MARYLAND
Postal Code:	20742
PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	16386386
PCT Number:	US1927801
CORRESPONDENCE DATA	
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NAME OF SUBMITTER:	BECKY DOUGLAS
SIGNATURE:	/Becky Douglas/
DATE SIGNED:	08/13/2019
Total Attachments: 6	
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ASSIGNMENT

WHEREAS, the undersigned, to wit:

- Daanish MAQBOOL residing at 6506 American Boulevard, Apt. 810, Hyattsville, Maryland 02782;
- Nitay RAVIN residing at 20131 Laurel Hill Way, Germantown, Maryland 20874;
- Carson MYERS residing at 9222 Willow Ln, Hyattsville, Maryland 20783

(hereinafter collectively "ASSIGNORS"), have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled:

"METHOD AND APPARATUS FOR THE START-UP AND CONTROL OF PULSE COMBUSTORS USING SELECTIVE INJECTOR OPERATION"

- (a) ☐ which is being filed herewith in the United States Patent and Trademark Office;
- (b) ☒ which was filed as U.S. Patent Application No. 16/386386
on April 17, 2019 ;
- (c) ☒ which was filed as International Patent Application No. PCT/US19/27801
on April 17, 2019 designating the United States; and

WHEREAS, North American Wave Engine Corporation (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the State of Delaware, and having its principal place of business at 387 Technology Drive, Suite 1114, College Park, Maryland 20742, is desirous of acquiring the entire right, title, and interest in and to said invention and any and all patents that may be obtained therefor, and in and to said application and any and all patents that may issue therefrom;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNORS do hereby sell, assign, transfer, and set over unto said ASSIGNEE, its successors, assigns, and legal representatives, all right, title, and interest in and to said invention throughout the world, and any and all patents of the United States and foreign countries that may be obtained therefor, including the right to sue for past infringement and obtain past damages, and in and to said application, including any and all non-provisionals, continuations, continuations-in-part, divisionals, reissues, re-examinations, substitutions, and extensions thereof, and any and all patents of the United States and foreign countries that may issue therefrom, such right, title, and interest including the right to file applications and obtain patents, utility models, industrial models, and designs for said invention in the name of said ASSIGNEE, its successors, assigns, and legal representatives, throughout the world, including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention, and all rights to register said invention in appropriate registries;

ASSIGNORS also do hereby covenant that they have the full right to convey the entire right, title, and interest herein assigned, and that they have not and will not execute any agreement in conflict herewith;

ASSIGNORS also do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States on said invention or resulting from said application, including any continuations, continuations-in-part, divisionals, reissues, re-examinations, substitutions, and extensions thereof, to said ASSIGNEE, its successors, assigns, and legal representatives as the ASSIGNEE of the entire right, title, and interest herein assigned;

ASSIGNORS also do hereby agree to, at any time, upon request, without further or additional consideration but at the expense of said ASSIGNEE, its successors, assigns, or legal representatives, execute and deliver any and all papers, make all rightful oaths, and do all lawful acts that may be necessary or desirable to perfect the entire right, title, and interest in said application, including any and all continuations, continuations-in-part, divisionals, reissues, re-examinations, substitutions, and extensions thereof, and any and all patents of the United States and foreign countries that may issue therefrom to said ASSIGNEE, its successors, assigns, and legal representatives, and generally do everything possible to vest the entire right, title, and interest herein assigned in said ASSIGNEE, its successors, assigns, and legal representatives;

ASSIGNOR also does hereby grant to ASSIGNEE, its successors and assigns, and legal representatives thereof, including the following individuals, 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 or foreign equivalent thereof for recordation of this document:

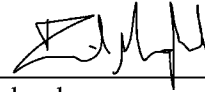
WILMER CUTLER PICKERING HALE AND DORR LLP

All practitioners at Customer Number 23483.

This ASSIGNMENT is effective as of April 17, 2019 .

5/3/2019

Date



Daanish Maqbool

Witness:

5/3/2019

Date

Andrew Ceruzzi

6/24/2019

Date

Nitay Ravin
Nitay Ravin

Witness:

6/24/2019

Date

Sarit Zhukovsky

6/17/2019

Date



Carson Myers

Witness:

6/17/2019

Date



ASSIGNEE hereby acknowledges and accepts the foregoing assignment.

North American Wave Engine Corporation

Signature: Andrew Geltman Date: 6/28/2019
Name: Andrew Geltman
Title: VP Operations & Associate Counsel