PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4967809

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WEN-CHUN ZHANG	05/17/2018

RECEIVING PARTY DATA

Name:	NORAMCO, INC.
Street Address:	1440 OLYMPIC DRIVE
City:	ATHENS
State/Country:	GEORGIA
Postal Code:	30601

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	15291402
PCT Number:	US1656540

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Email:Chris.west@ALSTON.COMCorrespondent Name:CHRISTOPHER W. WESTAddress Line 1:555 FAYETTEVILLE STREET

Address Line 2: SUITE 600

Address Line 4: RALEIGH, NORTH CAROLINA 27601

ATTORNEY DOCKET NUMBER:	066460/505307
NAME OF SUBMITTER:	CHRISTOPHER W. WEST
SIGNATURE:	/christopher west/
DATE SIGNED:	05/18/2018

Total Attachments: 4

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PATENT 504921063 REEL: 045842 FRAME: 0215

ASSIGNMENT

WHEREAS, I, Wen-Chun Zhang, with a post office address of 2785 Heather Lane, Bogart, Georgia 30622, hereinafter generally referred to individually as "<u>ASSIGNOR</u>" have invented certain new and useful inventions entitled:

"PROCESS FOR THE PREPARATION OF (S)-2-((4R,4AS,6R,7AR,12BS)-7,9-DIMETHOXY-1,2,3,4,5,6,7,7A-OCTAHYDRO-4A,7-ETHANO-4,12-METHANOBENZOFURO[3,2-E]ISOQUINOLIN-6-YL)-3,3-DIMETHYLBUTAN-2-OL"

that are described in U.S. Patent Application No. 15/291,402 filed October 12, 2016 and an International PCT Application having Application No. PCT/US16/56540 filed October 12, 2016 ("Inventions") naming the above ASSIGNOR as inventor.

WHEREAS, Noramco, Inc., a corporation having a place of business at 1440 Olympic Drive, Athens, Georgia 30601, hereinafter generally referred to as "ASSIGNEE," is desirous of acquiring and/or confirming the acquisition of the Inventions.

NOW, THEREFORE, in consideration of good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged and intending to be legally bound hereby, I, ASSIGNOR, have assigned and/or hereby sell, assign, transfer and convey unto ASSIGNEE, the whole and entire right, title and interest in and to:

all Inventions;

the above patent applications and any and all United States and foreign patent applications disclosing one or more of the Inventions including, without limitation, applications for patents including provisionals, non-provisionals, divisions, continuations, continuations-in-part, utility models, PCT applications and designs and any other related United States and foreign applications and equivalents thereof ("Applications"), along with the right to claim priority to the Applications under any treaty relating thereto;

all United States and foreign patents, utility models, inventor's certificates and designs and all equivalents thereof which may be granted for the Inventions or Applications, and all post-grant actions including extensions, renewals, reissues, reexamination certificates, post-grant review certificates, inter partes review certificates, and supplemental examination certificates thereof ("Patents"); and

all rights to sue for and collect damages resulting from past, present and future infringement of all granted or to be granted Patents.

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The Inventions, Applications and Patents to be held and enjoyed by ASSIGNEE, for ASSIGNEE's own use and benefit, and for ASSIGNEE's legal representatives and assigns to the full end of the term or terms of said granted or to be granted Patents, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made; and for the aforesaid consideration ASSIGNOR hereby covenant, agree and undertake to execute, whenever requested by the above-named ASSIGNEE, all patent applications, assignments, declarations, lawful oaths and any other papers which ASSIGNEE may deem necessary or desirable for securing to ASSIGNEE or for maintaining for ASSIGNEE all the Inventions, Applications and Patents hereby assigned or agreed to be assigned; all without further compensation to the undersigned ASSIGNOR.

It is agreed that ASSIGNOR shall be legally bound, upon request and at the expense of ASSIGNEE or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the undersigned has knowledge or possession, relating to the making and practicing of the Inventions, and to testify in any legal proceeding relating thereto.

ASSIGNOR hereby represents and warrants that he/she has full right, power and authority to assign their entire right, title, and interest in the Patents, Applications, and Inventions, and to consummate the assignment contemplated herein. ASSIGNOR also represents and warrants that he/she has full right, power, and authority to enter into, execute, and deliver this Assignment, the execution and delivery of which have been duly authorized by all necessary action on the part of ASSIGNOR, and no other authorization or proceedings on the part of ASSIGNOR are necessary to authorize this Assignment. This Assignment has been duly executed and delivered and constitutes a valid, binding and enforceable assignment of the entire right, title, and interest in the Patents and Applications, and Inventions.

ASSIGNOR hereby warrant that no assignment, sale, agreement, or encumbrance has been or will be made or entered into which would conflict with this Assignment.

(SIGNATURE PAGES FOLLOW)

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5/17/2018 Wen-Chun Zhang STATE OF Georgia COUNTY OF Madison Before me, a notary public in and for the State and County aforesaid, on this _____day of _____, 2018 personally appeared Wen-Chun Zhang, who being known to me (or satisfactorily proven), and who having first executed the foregoing Assignment in connection with the inventions entitled PROCESS FOR THE PREPARATION OF (S)-2-((4R,4AS,6R,7AR,12BS)-7,9-DIMETHOXY-1,2,3,4,5,6,7,7A-OCTAHYDRO-4A,7-ETHANO-4,12-METHANOBENZOFURO[3,2-EJISOQUINOLIN-6-YL)-3,3-DIMETHYLBUTAN-2-OL in my presence and have been by me first duly sworn, did acknowledge the foregoing instrument as his/her free deed and act, signed, sealed and delivered by him for the purpose therein stated and intending to be legally bound thereby and intending that said instrument be recorded. **Notary Public** My Commission Expires: \anuary 29, 2022 DEBRA L PAINTER Notary Public, Georgia

Madison County My Commission Expires January 29, 2022

05-17-2018	The state of the s
(Date)	NORAMCO, INC.
(Date)	Gnel Mkrtchyan, Director, R&D
	NAME/TITLE
STATE OF Geo	raia:
: ss.	
COUNTY OF MAN	1 W ;
personally known, and the invention(s) entity ((4R,4AS,6R,7AR,124,12-METHANOBE) in my presence and has his free deed and a	public in and for the State and County aforesaid, on this
My Commission Exp	pires: January 29, 2022
	DEBRA L PAINTER Notary Public, Georgia Madison County My Commission Expires January 29, 2022

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RECORDED: 05/18/2018

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