03/15/2023 507800586

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7847716

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ANSHU SHANKAR MATHUR	12/12/2022
PREETI MEHTA	12/12/2022
REKHA RANI	12/12/2022
RAVI PRAKASH GUPTA	12/12/2022
SURESH KUMAR PURI	12/12/2022
SANKRA SRI VENKATA RAMAKUMAR	12/12/2022

RECEIVING PARTY DATA

Name:	INDIAN OIL CORPORATION LIMITED
Street Address:	INDIAN OIL BHAVAN, G-9, ALI YAVAR JUNG MARG, BANDRA (EAST), MUMBAI
City:	MAHARASHTRA
State/Country:	INDIA
Postal Code:	400 051

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	18083181

CORRESPONDENCE DATA

Fax Number: (202)420-2201

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.

Phone: 2027725805

Email: kclements@blankrome.com Correspondent Name: PETER S. WEISSMAN Address Line 1: 1825 EYE STREET, NW Address Line 4: WASHINGTON, D.C. 20006

ATTORNEY DOCKET NUMBER:	149657.00125
NAME OF SUBMITTER:	/PETER S. WEISSMAN/
SIGNATURE:	/Peter S. Weissman/
DATE SIGNED:	03/15/2023
	This document serves as an Oath/Declaration (37 CFR 1.63).

PATENT REEL: 062991 FRAME: 0414

507800586

Total Attachments: 6 source=149657125-Ass

source=149657125-Assignment#page1.tif

source=149657125-Assignment#page2.tif

source=149657125-Assignment#page3.tif

source=149657125-Assignment#page4.tif

source=149657125-Assignment#page5.tif

source=149657125-Assignment#page6.tif

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE	
Title of Invention	
	Methods And Formulations For Enhancing High Value Lipids
Docket Number	
As the below named This declaration	inventor, I hereby declare that:
is directed to:	The attached application, or
	United States application numberor PCT international application number filed on.
The above-identified	application was made or authorized to be made by me.
I believe that I am th	e original inventor or an original joint inventor of a claimed invention in the application.
I hereby acknowled; or imprisonment of a	te that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine not more than five (5) years, or both.
Jung Marg, Bandra (place of business at: 110 003, India (her	N OIL CORPORATION LIMITED having a place of business at: Indian Oil Bhavan, G-9, Ali Yavar East), Mumbai 400 051, Maharashtra, INDIA and DEPARTMENT OF BIOTECHNOLOGY having a Ministry Of Science And Technology, Block-2, 7th Floor C.G.O. Complex, Lodi Road, New Delhi-einafter referred to as "ASSIGNEES"), desire to acquire the entire right, title and interest in said ove-identified United States patent application;
acknowledged, I her identified United Sta and reissues, extensi in countries foreign	REFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby eby assign to the ASSIGNEE, the entire right, title and interest in said invention and in the above-tes patent application and in all divisions, continuations and continuations-in-part of said application, one and renewals of Letters Patent granted thereon, and in all corresponding patent applications filed to the United States ("foreign countries") and corresponding international patent applications, and in uning on any such patent applications in the United States and foreign countries;
own name and the	ign to the ASSIGNEE the right to file patent applications in foreign countries on said invention in its ight to claim priority to the above-identified United States patent application under the terms of the attornand any other relevant treaties;
I hereby authorize and request the United States Patent & Trademark Office and officials in patent offices in foreign countries to issue any and all of said Letters Patent to the ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use and behoof of the ASSIGNEE, its successors, assigns, and legal representatives, to the full end of the term for which said Letters Patent may be granted; and	
Further, I agree that, without further consideration, I will communicate to the ASSIGNEE any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, continuation-in-part, substitute, renewal and reissue applications, execute all necessary assignment papers to cause said Letters Patent to be issued to the ASSIGNEE, make all rightful oaths, and, perform all lawful acts to aid the ASSIGNEE, its successors and assigns, to obtain and enforce Letters Patent for said invention in the United States and foreign countries.	
LEGAL NAME OF	NVENTOR
Inventor: MA	THUR, Anshu Shankar Date: 12.12.2022
Signature:	Michaelle

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE		
Title of Invention	Methods And Formulations For Enhancing High Value Lipids	
Docket Number		
As the below named	inventor, I hereby declare that:	
This declaration	The attached application, or	
is directed to:	United States application number or PCT international application number filed on.	
The above-identified	application was made or authorized to be made by me.	
I believe that I am the	original inventor or an original joint inventor of a claimed invention in the application.	
I hereby acknowledg or imprisonment of n	e that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine of more than five (5) years, or both.	
hing Marg, Bandra (place of business at: 110 003, India (here	NOIL CORPORATION LIMITED having a place of business at: Indian Oil Bhavan, G-9, Ali Yavar East), Mumbai 400 051, Maharashtra, INDIA and DEPARTMENT OF BIOTECHNOLOGY having a Ministry Of Science And Technology, Block-2, 7th Floor C.G.O. Complex, Lodi Road, New Delhi-sinafter referred to as "ASSIGNEES"), desire to acquire the entire right, title and interest in said we-identified United States patent application;	
acknowledged, I her identified United Sta and reissues, extensi- in countries foreign in	REFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby assign to the ASSIGNEE, the entire right, title and interest in said invention and in the above-tes patent application and in all divisions, continuations and continuations-in-part of said application, one and renewals of Letters Patent granted thereon, and in all corresponding patent applications filed to the United States ("foreign countries") and corresponding international patent applications, and in using on any such patent applications in the United States and foreign countries:	
I hereby assign to the ASSIGNEE the right to file patent applications in foreign countries on said invention in its own name and the right to claim priority to the above-identified United States patent application under the terms of the International Convention and any other relevant treaties;		
I hereby authorize and request the United States Patent & Trademark Office and officials in patent offices in foreign countries to issue any and all of said Letters Patent to the ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use and behoof of the ASSIGNEE, its successors, assigns, and legal representatives, to the full end of the term for which said Letters Patent may be granted; and		
respecting said inver continuation-in-part, Letters Patent to be i	tee that, without further consideration, I will communicate to the ASSIGNEE any facts known to me tion, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause said ssued to the ASSIGNEE, make all rightful oaths, and, perform all lawful acts to aid the ASSIGNEE, igns, to obtain and enforce Letters Patent for said invention in the United States and foreign countries.	
LEGAL NAME OF INVENTOR		
Inventor: ME	HTA, Preeti Date: 12.12.2022	
Signature:	Date: 12.12.2022	

DECLARATION (3	7 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE	
Title of Invention	Methods And Formulations For Enhancing High Value Lipids	
Docket Number		
As the below named in	nventor, I hereby declare that:	
This declaration	The attached application, or	
is directed to:	United States application numberor PCT international application number filed on.	
The above-identified a	application was made or authorized to be made by me.	
I believe that I am the	original inventor or an original joint inventor of a claimed invention in the application.	
I hereby acknowledge or imprisonment of no	that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine t more than five (5) years, or both.	
WHEREAS, INDIAN OIL CORPORATION LIMITED having a place of business at: Indian Oil Bhavan, G-9, Ali Yavar Jung Marg, Bandra (East), Mumbai 400 051, Maharashtra, INDIA and DEPARTMENT OF BIOTECHNOLOGY having a place of business at: Ministry Of Science And Technology, Block-2, 7th Floor C.G.O. Complex, Lodi Road, New Delhi-110 003, India (hereinafter referred to as "ASSIGNEES"), desire to acquire the entire right, title and interest in said invention and the above-identified United States patent application;		
acknowledged, I nerel identified United State and reissues, extension in countries foreign to	EFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby by assign to the ASSIGNEE, the entire right, title and interest in said invention and in the above-test patent application and in all divisions, continuations and continuations-in-part of said application, as and renewals of Letters Patent granted thereon, and in all corresponding patent applications filed the United States ("foreign countries") and corresponding international patent applications, and in ing on any such patent applications in the United States and foreign countries;	
own name and the rig	on to the ASSIGNEE the right to file patent applications in foreign countries on said invention in its ght to claim priority to the above-identified United States patent application under the terms of the ion and any other relevant treaties;	
I hereby authorize and request the United States Patent & Trademark Office and officials in patent offices in foreign countries to issue any and all of said Letters Patent to the ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use and behoof of the ASSIGNEE, its successors, assigns, and legal representatives, to the full end of the term for which said Letters Patent may be granted; and		
Further, I agree that, without further consideration, I will communicate to the ASSIGNEE any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, continuation-in-part, substitute, renewal and reissue applications, execute all necessary assignment papers to cause said Letters Patent to be issued to the ASSIGNEE, make all rightful oaths, and, perform all lawful acts to aid the ASSIGNEE, its successors and assigns, to obtain and enforce Letters Patent for said invention in the United States and foreign countries.		
LEGAL NAME OF INVENTOR		
Inventor: RAN	Rekha Date: 12-12-2022	
Signature:	CALL TO THE PARTY OF THE PARTY	

DELLAKATION (3	SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE
Title of Invention	Methods And Formulations For Enhancing High Value Lipids
Docket Number	
As the below named in	rventor, I hereby declare that:
This declaration	The attached application, or
is directed to:	United States application numberor PCT international application number filed on.
The above-identified a	application was made or authorized to be made by me.
I believe that I am the	original inventor or an original joint inventor of a claimed invention in the application.
	that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine t more than five (5) years, or both.
Jung Marg, Bandra (E place of business at: I 110 003, India (herei	OIL CORPORATION LIMITED having a place of business at: Indian Oil Bhavan, G-9, Ali Yavar ast), Mumbai 400 051, Maharashtra, INDIA and DEPARTMENT OF BIOTECHNOLOGY having a Ministry Of Science And Technology, Block-2, 7th Floor C.G.O. Complex, Lodi Road, New Delhinafter referred to as "ASSIGNEES"), desire to acquire the entire right, title and interest in said re-identified United States patent application;
acknowledged, I here identified United State and reissues, extensio in countries foreign to	EFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby by assign to the ASSIGNEE, the entire right, title and interest in said invention and in the above-es patent application and in all divisions, continuations and continuations-in-part of said application, as and renewals of Letters Patent granted thereon, and in all corresponding patent applications filed the United States ("foreign countries") and corresponding international patent applications, and in ing on any such patent applications in the United States and foreign countries;
own name and the ri	on to the ASSIGNEE the right to file patent applications in foreign countries on said invention in its ght to claim priority to the above-identified United States patent application under the terms of the item and any other relevant treaties;
foreign countries to in interest in and to t	norize and request the United States Patent & Trademark Office and officials in patent offices in saue any and all of said Letters Patent to the ASSIGNEE as the assignee of my entire right, title and he same, for the sole use and behoof of the ASSIGNEE, its successors, assigns, and legal full end of the term for which said Letters Patent may be granted; and
respecting said invent continuation-in-part, a Letters Patent to be is	the that, without further consideration, I will communicate to the ASSIGNEE any facts known to me ion, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause said sued to the ASSIGNEE, make all rightful oaths, and, perform all lawful acts to aid the ASSIGNEE, gns, to obtain and enforce Letters Patent for said invention in the United States and foreign countries.
LEGAL NAME OF INVENTOR	
Inventor: <u>GUP</u>	TA, Ravi Prakash Date: 12.12.2022
Signature:	200 hall Int

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE	
Title of Invention	Methods And Formulations For Enhancing High Value Lipids
Docket Number	
As the below named i	nventor, I hereby declare that:
This declaration is directed to:	The attached application, or
	☐ United States application numberor PCT international application number filed on.
The above-identified a	pplication was made or authorized to be made by me.
I believe that I am the	original inventor or an original joint inventor of a claimed invention in the application.
I hereby acknowledge or imprisonment of no	that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine t more than five (5) years, or both.
place of business at: 1 110 003, India (herei	OIL CORPORATION LIMITED having a place of business at: Indian Oil Bhavan, G-9, All Yavar ast), Mumbai 400 051, Maharashtra, INDIA and DEPARTMENT OF BIOTECHNOLOGY having a Ministry Of Science And Technology, Block-2, 7th Floor C.G.O. Complex, Lodi Road, New Delhinafter referred to as "ASSIGNEES"), desire to acquire the entire right, title and interest in said re-identified United States patent application;
identified United State and reissues, extension in countries foreign to	EFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby by assign to the ASSIGNEE, the entire right, title and interest in said invention and in the above-is patent application and in all divisions, continuations and continuations-in-part of said application, as and renewals of Letters Patent granted thereon, and in all corresponding patent applications filed the United States ("foreign countries") and corresponding international patent applications, and in ing on any such patent applications in the United States and foreign countries;
I hereby assig own name and the rig	on to the ASSIGNEE the right to file patent applications in foreign countries on said invention in its that to claim priority to the above-identified United States patent application under the terms of the ion and any other relevant treaties;
interest in and to the	orize and request the United States Patent & Trademark Office and officials in patent offices in sue any and all of said Letters Patent to the ASSIGNEE as the assignee of my entire right, title and see same, for the sole use and behoof of the ASSIGNEE, its successors, assigns, and legal full end of the term for which said Letters Patent may be granted; and
continuation-in-part, s Letters Patent to be iss	e that, without further consideration. I will communicate to the ASSIGNEE any facts known to me on, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, ubstitute, renewal and reissue applications, execute all necessary assignment papers to cause said used to the ASSIGNEE, make all rightful oaths, and, perform all lawful acts to aid the ASSIGNEE, and, to obtain and enforce Letters Patent for said invention in the United States and foreign countries.
LEGAL NAME OF IN	VENTOR
Inventor: PURI	Suresh Kumar Date: 12-12-2022
Signature: S	Suresh Kumar Pu . Date: 12-12-2022

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE	
Title of Invention	Methods And Formulations For Enhancing High Value Lipids
Docket Number	
	oventor, I hereby declare that:
This declaration is directed to:	The attached application, or
is onecica ta:	United States application number or PCT international application number filed on.
The above-identified a	pplication was made or authorized to be made by me.
I believe that I am the	original inventor or an original joint inventor of a claimed invention in the application.
I hereby acknowledge or imprisonment of not	that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine more than five (5) years, or both.
place of business at: M 110 003, India (herein invention and the above	OIL CORPORATION LIMITED having a place of business at: Indian Oil Bhavan, G-9, Ali Yavar 1st), Mumbai 400 051, Maharashtra, INDIA and DEPARTMENT OF BIOTECHNOLOGY having a finistry Of Science And Technology, Block-2, 7th Floor C.G.O. Complex, Lodi Road, New Delhinafter referred to as "ASSIGNEES"), desire to acquire the entire right, title and interest in said e-identified United States patent application;
identified United States and reissues, extension in countries foreign to	FORE, for good and valuable consideration, the receipt and sufficiency of which are hereby y assign to the ASSIGNEE, the entire right, title and interest in said invention and in the aboves patent application and in all divisions, continuations and continuations-in-part of said application, s and renewals of Letters Patent granted thereon, and in all corresponding patent applications filed the United States ("foreign countries") and corresponding international patent applications, and in any such patent applications in the United States and foreign countries;
I hereby assign own name and the rig	n to the ASSIGNEE the right to file patent applications in foreign countries on said invention in its ht to claim priority to the above-identified United States patent application under the terms of the on and any other relevant treaties;
interest in and to the representatives, to the	orize and request the United States Patent & Trademark Office and officials in patent offices in the sue and all of said Letters Patent to the ASSIGNEE as the assignee of my entire right, title and a same, for the sole use and behoof of the ASSIGNEE, its successors, assigns, and legal full end of the term for which said Letters Patent may be granted; and
continuation-in-part, su Letters Patent to be issu	that, without further consideration, I will communicate to the ASSIGNEE any facts known to me on, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, ibstitute, renewal and reissue applications, execute all necessary assignment papers to cause said need to the ASSIGNEE, make all rightful oaths, and, perform all lawful acts to aid the ASSIGNEE, is, to obtain and enforce Letters Patent for said invention in the United States and foreign countries.
LEGAL NAME OF IN	VENTOR
Inventor: RAMA	MUMAR, Sankara Sri Venkata Date: 12-12-2022
Signature:	KINO o lement

> PATENT REEL: 062991 FRAME: 0421

RECORDED: 03/15/2023