PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PANKAJ KUMAR K. CHHATRALA	03/09/2018
NIKHIL KAILAS JAMDADE	03/27/2018
DEVANSHI SAKSENA	03/12/2018
BHAVUK GARG	03/22/2018

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	29584820

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NAME OF SUBMITTER:	ANDREW D. DORISIO
SIGNATURE:	/Andrew D. Dorisio/
DATE SIGNED:	04/03/2018
This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 3

PATENT REEL: 045427 FRAME: 0364

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DECLARATION (37CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT

	27 CM A CO CO CM (2 CALCO)	
This d	eclaration is directed to:	
	The attached application, and/or	
Ø	United States application or PCT international : filed on <u>Bayenker 17, 2016</u>	ipplication number <u>29/084.820</u>
	below named inventor, I hereby declare that; (a) is by me; and (b) I believe that I am the original i application.	the above-identified application was made or authorized to eventor or an original joint inventor of a claimed invention
		(hereinafter referred to as "ASSIGNEE") having a place
	ous or acquiring the entire right, title and interest and to any Letters Patent(s) that may be granted t and all foreign countries.	t in and to the invention of the above-identified application herefor in the United States, its territorial possessions, and
the inverse foreign relevan entire r	ention of the above-identified application in the U countries (including the right to claim priority of t international Treaties and Arrangements to the i ight, title and interest in and to any and all Larse	tion, the receipt whereof is hereby acknowledged, the and transfer unto ASSIGNEE, the full and exclusive right to Inited States, its territorial possessions, and in any and all nder the terms of the International Convention and other avention of the above-identified application), as well as the 12 Patent(a) which may be granted therefor in the United go countries, and in and to any and all divisions, reissues.
when go ASSIGNI	ranted, to ASSIGNEE as the owner of my entire rig EE, its successors and assigns, to the following and	in the United States, its territorial possessions, and in any nt(s) for the lovention of the above-identified application, this, title and interest in and to the same, for the sole use of a term for which the Letters Patent(s) assigned becoming two been held by me had this grant not been made.
continus ali Letter oaths, an protectio	ition, substitute, renewal and reissue applications, re Patent(s) for the invention of the above-identified, generally do everything possible to aid accident	tatives any facts known to me respecting the invention of proceeding, sign all lawful papers, execute all divisional, execute all necessary assignment papers to cause any and ed application to be issued to ASSIGNEE, make all rightful 3E, its successors and assigns, to obtain and enforce proper ition in the United States, its territorial possessions, and in
Lauthoris	se the law firm of King & Schickli, PLLC, to insert the	serial number and filing date above once it is known.
Hiereby:		n this declaration is punishable under 18 U.S.C. 1001 by fine
inventor:		Assigneed The Secretary Department Of Biolegy pages
Signature	: <u>\$0</u> \$7\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Signature
Date:		Date:
	······································	(A613.0)

DECLARATION (37CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT

Title of Invention: CAST		
This declaration is directed to:		
	The attached application, and/or	
	United States application or PCT international applic filed on November 17, 2016	ation number 25/584,826
be made	elow named inventor, I hereby declare that: (a) the ale by me; and (b) I believe that I am the original inventoplication.	pove-identified application was made or authorized to for or an original joint inventor of a claimed invention
WHERE	AS, The Secretary, Department Of Biolecthology	hereinafter referred to as "ASSIGNEE") having a place
is desire and in a	ous of acquiring the entire right, title and interest in a	e Rose, New Delic 110905 (India) and to the invention of the above-identified application for in the United States, its territorial possessions, and
NOW, THEREFORE, for good and valuable consideration, the receipt whereof is hereby acknowledged, the undersigned inventor does by these presents sell, assign and transfer unto ASSIGNEE, the full and exclusive right to the invention of the above-identified application in the United States, its territorial possessions, and in any and all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements to the invention of the above-identified application), as well as the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States, its territorial possessions, and in any and all foreign countries, and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.		
I hereby authorize and request the Patent Office Officials in the United States, its territorial possessions, and in any and all foreign countries to issue any and all Letters Patent(s) for the invention of the above-identified application, when granted, to ASSIGNEE as the owner of my entire right, title and interest in and to the same, for the sole use of ASSIGNEE, its successors and assigns, to the full end of the term for which the Letters Patent(s) assigned hereunder may be granted, as fully and entirely as the same would have been held by me had this grant not been made.		
Further, I will communicate to ASSIGNEE or its representatives any facts known to me respecting the invention of the above-identified application, 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 any and all Letters Patent(s) for the invention of the above-identified application to be issued to ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for the invention of the above-identified application in the United States, its territorial possessions, and in any and all foreign countries.		
Lauthor	ize the law firm of King & Schickli, PLLC, to insert the ser	ial number and filing date above once it is known.
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 0.5.C. 1001 by fine or imprisonment of not more than five (5) years, or both.		
Invento	r: Pankaj Kumar K. Chihlaf RALA	Assignee: The Secretary Department Of Biolechnology
Signatur	re:	Signature:
Date:	9th March 2018	Date:

DECLARATION (37CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT

Title of	Invention: CAST		
This dec	claration is directed to:		
	The attached application, and/or		
3 , ,,	United States application or PCT international applica filed on November 17, 2018	tion numbe	r 28/584-820
be mad	elow named inventor, I hereby declare that: (a) the ab e by me; and (b) I believe that I am the original invento pplication.	ove-identifi or or an ori _l	ed application was made or authorized to ginal joint inventor of a claimed invention
WHERE	AS: The Secretary Department Of Stotechnology	hereinafter	referred to as "ASSIGNEE") having a place
is desir and in a	less at Ministry of Science & Technology. Government of India, C.O.O. Corroller, Looki buss of acquiring the entire right, title and interest in ar and to any Letters Patent(s) that may be granted theref and all foreign countries.	id to the int	rention of the above-identified application
unders the inve foreign relevan entire States.	THEREPORE, for good and valuable consideration, igned inventor does by these presents sell, assign and tention of the above-identified application in the United countries (including the right to claim priority under it International Treaties and Arrangements to the inventight, title and interest in and to any and all Letters Perits territorial possessions, and in any and all foreign contains, substitutions and renewals thereof.	ransfer unt I States, its the terms tion of the a atent(s) wh	o ASSIGNEE, the full and exclusive right to territorial possessions, and in any and all of the International Convention and other above-identified application), as well as the ich may be granted therefor in the United
and all when g	y authorize and request the Patent Office Officials in the foreign countries to issue any and all Letters Patent(stranted, to ASSIGNEE as the owner of my entire right, the fill end of the test granted, as fully and entirely as the same would have became.) for the inv itle and inti rm for whic	rention of the above-identined application, erest in and to the same, for the sole use of the Letters Patent(s) assigned hereunder
the ab- contin- all Lett oaths, protec	r, I will communicate to ASSIGNEE or its representative ove-identified application, and testify in any legal production, substitute, renewal and reissue applications, eximers Patent(s) for the invention of the above-identified and, generally do everything possible to aid ASSIGNEE, it tion for the invention of the above-identified application all foreign countries.	ceeding, sig scute all nec application its successo	in all lawful papers, execute all divisional, lessary assignment papers to cause any and to be issued to ASSIGNEE, make all rightful rs and assigns, to obtain and enforce proper
l autho	rize the law firm of King & Schickli, PLLC, to insert the ser	ial number :	and filing date above once it is known.
I herel	y acknowledge that any willful false statement made in the risonment of not more than five (5) years, or both,	his declarati	on is punishable under 18 U.S.C. 1001 by fine
Invent	OF: Nikhil Kalias JAMDADE	Assignee:	The Secretary, Department Of Biotechnology
Signat	and the second	Signature:	
Date:	27th March 2018	Date:	

RECORDED: 04/03/2018