



Intellectual Property Rights (IPR) Policy

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1 Preamble

The goal of New Horizon College of Engineering (NHCE), Bengaluru, is to become an internationally renowned institution through a number of activities. NHCE has established committees and cells to promote excellence in research and development in addition to teaching excellence. To assist with these efforts, NHCE has also made the Research Committee Protocols and Incentives Document accessible. The policy for managing intellectual property rights (IPR) and creating intellectual property (IP) is contained in this document.

Employees of NHCE have the right to determine whether the findings of any study they conduct while working for the Institute will be published or displayed as intellectual property. If a specific research project has the potential to produce intellectual property, it should be protected in accordance with IPR policy unless the institute provides an exemption (NHCE).

2

Introduction to Intellectual Property (IP)

Any intellectual property resulting from human intellect or creativity that is distinct, new, and not easily identifiable and that is eligible for protection under applicable government acts governing patents, copyrights, industrial designs, trademarks, semiconductor integrated circuit layout designs (SICLD), and intellectual property for plant varieties. IP can take one of the following designs: information and other confidential ideas; solutions, methods, including inventions; advancements in science or technology, and even computer programs, genetically modified microorganisms business models, and other forms, as applicable If the inventor and the institute determine that protection of intellectual property is required, the aforementioned kinds of IP may be protected both domestically and internationally through the domestic and foreign patent offices.

The intellectual output of faculty members, staff and students may have potential. By taking these steps, the intangible intellectual property will be guaranteed to materialize into a marketable form. In such a scenario, the New Horizon Council for Innovation, Incubation and Entrepreneurship Policy will control the Guidelines for staff and student entrepreneurship.

3 Objectives

The goal of NHCE's intellectual property rights policy is to Establish an intellectual atmosphere among the institution's employees, students, and researchers that promotes the creation of new ideas and their protection through intellectual property (as mentioned in 2. above).

Support a technologically-driven indigenous culture to address local demands and improve the nation's socioeconomic standing.

Facilitate the development of educational schemes, models and products. Act as a gap finder/filler between the industry and the institution through multidisciplinary projects, products, startups and improvised systems of industrial automation.



Scope

All possible intellectual property (IP) and inventions that are created (thought or brought to practice, in whole or in part) by the Institute's employees, research scholars and students while they are engaged in activities related to the Institute must be promptly disclosed according to institution regulations. The relevant legal frameworks and additional protections for revealed intellectual property are identified by the institution.

All employees, research scholars, students and those working on sponsored or funded projects at the institute are covered by the IPR policy.



OWNERSHIP OF IP

5.1 NHCE Ownership

- a) Intellectual property of any kind created by staff members, research scholars, students, visitors, trainees from other institutes participating in NHCE programs or using NHCE funds/facilities is owned by NHCE.
- b) NHCE generally retains the right to protect any IP owned by it in its own name with due recognition to inventors.

5.1.1 Inventor Privilege:

The inventors undertake to follow all applicable terms of IPR Policy and seek written approval from NHCE. Herein all applicable fees to protect Intellectual Property and renewals and other administrative charges thereof are expected to be borne by NHCE.

b) Inventors/Applicants are required to clearly report applicant as "NEW HORIZON COLLEGE OF ENGINEERING, New Horizon Knowledge Park, Outer Ring Road, Near Marathalli, Bellandur (P), Bangalore-560103, Karnataka", in their aapplications to protect Intellectual Property.

- c) Inventors are required to share relevant details about them to be disclosed in IP and get the same reviewed and approved according to processes laid down in the IPR policy Document of NHCE before they initiate the filing process.
- d) In specific cases and circumstances NHCE may change applicable terms on C above with suitable over-riding agreements.

5.2 Third-Party Ownership

Intellectual property ownership arising from:

- i. A third party's partial or complete funding contribution to NHCE for the purpose of carrying out projects such as research, consultancy, technical studies and implementations, among other things, will be subject to the terms of the agreement between the third party and NHCE.
- ii. IPR will stay with NHCE if there isn't a particular contract like that.
- iii. Absent of any agreement to the contrary, NHCE shall maintain a non-exclusive, free, lifelong authorization to copy and use all intellectual property (IP) related to NHCE for teaching and research purposes.

6 COPYRIGHT

All copyrighted works, including software developed by NHCE staff members and students with substantial NHCE resource utilization, shall belong to NHCE.

Copyright for any instructional materials created by NHCE staff members for any of the institution's academic programs must belong to NHCE.

The thesis or dissertation that students produce as part of their academic program will be their copyright. In the absence of any agreements to the contrary, NHCE personnel will retain copyright on books and publications they author. NHCE, however, maintains the rights to duplicate thesis and books, publications, and other materials for educational and scientific purposes, as well as to distribute them to other academic institutions.

7 TECHNOLOGY TRANSFER

The Institute's intellectual property, which is either owned by NHCE or jointly by other Institutions, Industries, or Individuals, will be marketed for commercial exploitation through technology transfer, licensing, and revenue sharing arrangements.

The IP that NHCE owns will be identified by NHCE as a possible licensee or licensees. When joint ownership is involved, the organization or industry that funded the activity will have the first say over how to use and profit from any intellectual products that come from the partnership, whether or not such products are formally protected by patent(s). In order to get a license for commercial exploitation, parties must pay a technology transfer fee and royalties starting on the date of the first commercial exploitation and continuing for a mutually agreed-upon time.

NHCE retains the right to transfer the aforementioned know-how to a Third Party for its commercial exploitation and use if the other cooperating organization, industry, and/or individual(s) do not commence the commercial exploitation within a reasonable two-year period from the date of the technology's first development. But in that case, NHCE will, in accordance with any existing agreements, split the net proceeds from such commercial assignments.

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COMMERCIALIZATION

- a) NHCE is responsible for marketing the intellectual property and finding possible licensees for the IP that it both owns and has rights assigned to.
- b) The creators may also proactively engage possible licensees for the IP in cases where exclusive rights have not already been granted to a third party, all the while maintaining confidentiality and taking all required precautions to guarantee that the IP's value is unaffected.
- c) Expertise: Following the interested party's signature of a non-disclosure agreement, the inventor is asked to share knowledge of the technique and assist in the marketing of the intellectual property.

9

IP PROCESS AND REVENUE SHARING

a) The following terms would be mutually shared by inventors/applicants and NHCE regarding the net earnings from the commercialization of IP, after deducting target amounts for the specific academic year in compliance with applicable procedures outlined in Research Committee Protocols and Incentives Document.

50% of the share goes to the inventor(s) or applicants. 50% is the NHCE portion (payable to NHCE)

The income sharing mentioned above is applicable in both cases—NHCE owning the intellectual property and applicants/inventors holding IP under NHCE-granted inventor privilege. Additionally, the revenue sharing arrangement mentioned above could change from through periodic updates to the Protocols and Incentives Document of the NHCE Research Committee.

b) Unless specified differently, the portion of the inventors/applicant(s) is split equally among them.

10 INFRINGEMENTS, DAMAGES, LIABILITY AND INDEMNITY

NHCE might, as a matter of policy, seek reimbursement from any legal procedures involving this, but not limited to, manufacturing defects, production difficulties, design guarantee, upgradation and debugging obligation, in any contract between the licensee and NHCE.

NHCE will also make sure that, when providing technology or intellectual content to licensees, NHCE employees' agreements with licensee(s) include a reimbursement clause. NHCE should have the right to bring legal action over patent and licensing infringements or to refrain from doing so.



CONFLICT OF INTEREST

Any conflict of interest, real or potential, must be disclosed by the inventor(s). In the event that the inventor(s) or members of their close family own stock in a licensee-business, they must reveal such ownership.

NHCE approval is required for any licensing or assignment of patent rights to the licensee-company that they, or any member of their immediate family, have in the business.



JURISDICTION

As a rule, all agreements that NHCE signs would be subject to Indian law and will fall under the purview of Bengaluru's courts.

Appendix

Details of the Forms required to be filed under The Patents Rules 2003

Number	On what payable	Number	er For e-filing		For physical filing		
of Entry		of the	Natural person	Other(s), alone	Natural person or	Other(s), alone	
		relevant	or startup or	or with natural	startup or small	or with natural	
		Form	small entity or	person or startup	entity or	person or startup	
			educational	or small entity or	educational	or small entity or	
			institution	educational	institution	educational	
				institution		institution	
1	2	3	4	5	6	7	
			Rupees				
1.	On application for a patent	1	1600	8000	1750	8800	
	under sections 7, 54* or 135			Multiple of 8000		Multiple of 8800	
	and rule 20(1) accompanied			in case of every		in case of every	
	by provisional or complete			multiple priority.	multiple priority.	multiple priority.	
	specification—		priority.				
	(i) for each sheet of		(i) 160	(i) 800	(i) 180	(i) 880	
	specification in addition to						
	30, excluding sequence						
	listing of nucleotides and/ or amino acid sequences						
	under sub-rule (3) of rule						
	(9);						
	(ii) for each claim in		(ii) 320	(ii) 1600	(ii) 350	(ii) 1750	
	addition to 10;						
	(iii) for each page of		(iii) 160 subject		Not allowed	Not allowed	
	sequence listing of		to a maximum				
	nucleotides and/ or amino		of 24000	120000			
	acid sequences under sub-						
	rule (3) of rule (9).						
	*An application for a						
	patent made under section						
	54 shall be eligible for a						
	reduction of 50 per cent in						
	fee as compared to other						
	applications.						
2.	On filing complete	2	No fee	No fee	No fee	No fee	
	specification after						
	provisional up to 30 pages						
	having up to 10 claims –						
	(i) for each sheet of		(i) 160	(i) 800	(i) 180	(i) 880	
	specification in addition to						
	30, excluding sequence						
	listing of nucleotides and/						
	or amino acid sequences						
	under sub-rule (3) of rule (9);						
			(ii) 320	(ii) 1600	(ii) 350	(ii) 1800	
	(ii) for each claim in addition to 10.			. ,	, ,		
			(iii) 160 subject		_ ,	Not allowed	
	(iii) for each page of			to a maximum of			
	sequence listing of nucleotides and/ or amino		of 24000	120000			
	acid sequences under sub-						
	rule (3) of rule (9).						
	(2) 01 1010 (2).						

	Note: A specification in respect of an application for a patent made under					
	section 54 shall be eligible for a reduction of 50 per cent in fee as compared to other specifications.					
3.	On filing a statement and undertaking under section 8.	3	No fee	No fee	No fee	No fee
4.	i) On request for extension of time under sections 53(2) and 142(4), rules 13(6), 80(1A) and 130 (per month).	4	480	2400	530	2600
	ii) On request for extension of time or condonation of delay (per month) under sub-rule (4) of rule 12 or sub-rule (2) or rule 131.	4	2000	10000	2200	11000
	iii) On request for extension of time under sub-rule (6) of rule 24B (per month).	4	1000	4000	1100	4400
	iv) On request for extension of time under sub-rule (11) of rule 24C (per month).	4	2000	10000	2200	11000
	v) On request for extension of time under rule 138 (per month).	4	10000	50000	11000	55000
5.	On filing a declaration as to inventorship under sub-rule (6) of rule 13.	5	No fee	No fee	No fee	No fee
6.	On application for postdating.	-	800	4000	880	4400
7.	On application for deletion of reference under section 19 (2).	-	800	4000	880	4400
8.	(i) On claim under section 20(1);	6	800	4000	880	4400
	(ii) On request for direction under section 20 (4) or 20 (5).	6	800	4000	880	4400
9.	(i) On notice of opposition to grant of patent under section 25(2);	7	8000	40000	Not allowed	Not allowed
	(ii) On filing representation opposing grant of patent under section 25(1).	7A	4000	20000	Not allowed	Not allowed

10.	On giving notice that hearing before Controller shall be attended under rule 62(2).	-	1500	7500	1700	8300
11.	On application under section 28(2).	8	No fee	No fee	No fee	No fee
	On application under sections 28(3) or 28(7).	8	800	4000	880	4400
12.	Certificate of inventorship under rule 70A.	8A	900	Not applicable	1000	Not applicable
13.	Request for publication under section 11A(2) and rule 24A.	9	2500	12500	2750	13750
14.	On application under section 44 for amendment of patent.	10	2400	12000	2650	13200
15.	On application for directions under section 51(1) or 51(2).	11	2400	12000	2650	13200
16.	On request for grant of a patent under sections 26(1) and 52(2).	12	2400	12000	2650	13200
17.	On request for converting a patent of addition to an independent patent under section 55 (1).	-	2400	12000	2650	13200
18.	For renewal of a patent under section 53—					
(i)	before the expiration of the 2nd year from the date of patent in respect of 3rd year;	-	800	4000	880	4400
(ii)	before the expiration of the 3rd year in respect of the 4th year;	-	800	4000	880	4400
(iii)	before the expiration of the 4th year in respect of the 5th year;	-	800	4000	880	4400
(iv)	before the expiration of the 5th year in respect of the 6th year;	-	800	4000	880	4400
(v)	before the expiration of the 6th year in respect of the 7th year;	-	2400	12000	2650	13200
(vi)	before the expiration of the 7th year in respect of the 8th year;	-	2400	12000	2650	13200
(vii)	before the expiration of the 8th year in respect of the 9th year;	-	2400	12000	2650	13200
(viii)	before the expiration of the 9th year in respect of the 10th year;	-	2400	12000	2650	13200

(ix)	before the expiration of the 10th year in respect of the 11th year;	-	4800	24000	5300	26400
(x)	before the expiration of the 11th year in respect of the 12th year;	-	4800	24000	5300	26400
(xi)	before the expiration of the 12th year in respect of the 13th year;	-	4800	24000	5300	26400
	before the expiration of the 13th year in respect of the 14th year;	-	4800	24000	5300	26400
(xiii)	before the expiration of the 14th year in respect of the 15th year;	-	4800	24000	5300	26400
(xiv)	before the expiration of the 15th year in respect of the 16th year;	-	8000	40000	8800	44000
	before the expiration of the 16th year in respect of the 17th year;	-	8000	40000	8800	44000
	before the expiration of the 17th year in respect of the 18th year;	-	8000	40000	8800	44000
	before the expiration of the 18th year in respect of the 19th year;	-	8000	40000	8800	44000
(xviii)	before the expiration of the 19th year in respect of the 20th year.	-	8000	40000	8800	44000
19.	On application for amendment of application for patent or complete specification or other related documents under section 57—	13				
(i)	before grant of patent;		800	4000	880	4400
(ii)	after grant of patent;		1600	8000	1750	8800
(iii)	where amendment is for changing name or address or nationality or address for service.		320	1600	350	1750
20.	On notice of opposition to an application under sections 57(4), 61(1) and 87(2) or to surrender a patent under section 63(3) or to a request under section 78(5).	14	2400	12000	2650	13200
21.	On application for restoration of a patent under section 60.	15	2400	12000	2650	13200

22.	Additional fee for restoration under section 61(3) and rule 86(1).	_	4800	24000	5300	26400
23.	On notice of offer to surrender a patent under section 63.	_	No fee	No fee	No fee	No fee
24.	On application for the entry in the register of patents of the name of a person entitled to a patent or as a share or as a mortgage or as licensee or as otherwise or for the entry in the register of patents of notification of a document under sections 69(1) or 69(2) and rules 90(1) or 90(2).	16	1600 (In respect of each patent)	8,000 (In respect of each patent)	1750 (In respect of each patent)	8,800 (In respect of each patent)
25.	On application for alteration of an entry in the register of patents or register of patent agents under rules 94(1) or rule 118(1).	_	320	1600	350	1750
26.	On request for entry of an additional address for service in the Register of Patents under rule 94(3).	_	800	4000	880	4400
27.	On application for compulsory license under sections 84(1), 91(1), 92(1) and 92A.	17	2400	12000	2650	13200
28.	On request for examination of application for patent—	18				
	(i) under section 11B and rule 24(1);		4000	20000	4400	22000
29.	(ii) under rule 20(4)(ii). On request for expedited or delayed examination of application for patent under rule 24C.	18A	5600 8000	28000 60000	Not allowed	30800 Not allowed
30.	Conversion of the request for examination filed under rule 24B to request for expedited or delayed examination under rule 24C.	18A	4000	40000	Not allowed	Not allowed
31.	On application for revocation of a patent under section 85(1).	19	2400	12000	2650	13200
32.	On application for revision of terms and conditions of licence under section 88(4).	20	2400	12000	2650	13200

33.	On request for termination of compulsory licence under section 94.	21	2400	12000	2650	13200
34.	On application for registration as a patent agent under rule 109(1) or rule 112.	22	3200	Not applicable	3500	Not applicable
35.	On request for appearing in the qualifying examination under rule 109(3).	_	1600	Not applicable	1750	Not applicable
36.	For continuance of the name of a person in the register of patent agents—for the 1st year to be paid along with registration;	_	800	Not applicable	880	Not applicable
	(ii) for every year excluding the 1st year to be paid on the 1st April in each year.	_	800	Not applicable	880	Not applicable
37.	On application for duplicate certificate of patent agent under rule 111A.	_	1600	Not applicable	1750	Not applicable
38.	On application for restoration of the name of a person in the register of patent agents under rule 117(1).	23	1600 (Plus continuation fee under entry number 36)	Not applicable	1750 (Plus continuation fee under entry number 36)	Not applicable
39.	On a request for correction of clerical error under section 78(2).	_	800	4000	880	4400
40.	On application for review or setting aside the decision or order of the controller under section 77(1)(f) or 77(1)(g).	24	1600	8000	1750	8800
41.	On application for permission for applying patent outside India under section 39 and rule 71(1).	25	1600	8000	1750	8800
42.	On application for duplicate patent under section 154 and rule 132.	_	1600	8000	1750	8800
43.	(i) On request for certified copies under section 72 or for certificate under section 147 and rule 133(1).	_	1000 (up to 30 pages and, thereafter, 30 for each extra page)	150 for each	(up to 30 pages and, thereafter, 30 for each extra	5500 (up to 30 pages and, thereafter, 150 for each extra page)

F	T		2400	12000	2200	12200
	(ii) On request for certified		2400		3300	13200
	copies under section 72 or		(up to 30 pages			
	for certificate under section		and thereafter,	and thereafter,	and thereafter, 30	
	147 and rule 133(2).		30 for each extra page)			30 for each extra
4.4	E			page)	page)	page)
44.	For certifying office copies, printed each.	_	800	4000	880	4400
45.	On request for inspection of register under section 72, inspection under rule 27 or rule 74A.	_	320	1600	350	1750
46.	On request for information under section 153 and rule 134.	_	480	2400	530	2650
47.	On form of authorization of a patent agent.	26	No fee	No fee	No fee	No fee
48.	On petition not otherwise provided for.	_	1600	8000	1750	8800
49.	For supplying of photocopies of the documents, per page.	_	10	10	10	10
50.	Transmittal fee for international application.	_	3200	16000	3500	17600
51.	Transmittal fee for international application (for ePCT filing).	_	No fee	No fee	Not applicable	Not applicable
52.	For preparation of certified	_	1000	5000	1100	5500
	copy of priority document		(up to 30 pages		(up to 30 pages	
	and for transmission of the		and, thereafter,		and, thereafter, 30	
	same to the International		30 for each		for each extra	150 for each
	Bureau of World Intellectual Property Organization.		extra page)	extra page)	page)	extra page)
53.	For preparation of certified copy of priority document and e-transmission through WIPO DAS.	_	No fee	No fee	Not applicable	Not applicable
54.	On statement regarding working of a patented invention on a commercial scale in India under section 146(2) and rule 131(1).	27	No fee	No fee	No fee	No fee
55.	To be submitted for claiming the status of a small entity or startup.	28	No fee	No fee	No fee	No fee
56.	Application for withdrawing the application under section 11B(4), and rules 7(4A) and 26.	29	No fee	No fee	No fee	No fee
57.	Request for adjournment of hearing under rule 129A (for each adjournment).	-	1000	5000	1100	5500

	Miscellaneous form under rule 8(2), to be used when no other form is prescribed.	30	As Applicable			
59.	Grace period.	31	500	2500	550	2750

FORM 1					(FOR OFFICE USE ONLY)							
THE PATEN	NTS ACT 197	0 (39 of 19	970) and									
THE PATEN	NTS RULES,	2003										
APPLICAT	ION FOR G	RANT OF	י									
PATENT												
(See section	7, 54 and 135	and sub-r	ule (1) of rule 20))								
					4	Application	n No.					
						Filing date	:					
					4	Amount of	Fee					
					1	paid:						
					(CBR No:						
					,	Signature:						
1. APPLICA	NT'S REFE	RENCE /						•				
IDENTIFIC	ATION NO.	(AS ALL	OTTED									
BY OFFICE	Ξ)											
2. TYPE OF	APPLICAT	ION [Plea	ase tick (✓) at t	he a	ıp	propriate	cates	gory]				
Ordinary ()		Convent	zion ()		Ī	PCT-NP	()	-	PPI	H()		
Divisional()	Paten	t of I	Divisional()()]	Patent of		Di	visional()		Patent of	
	Addit	tion ()			1	Addition ()				Addition ()	
3A. APPLIC	CANT(S)	<u> </u>			•							
Name in	Gender	National	ity	Co	ou	ntry of	Age	;	Address	of th	ne Applicant	
Full	(optional,			Re	si	dence	(opt	ional,				
	for						for 1	natural				
	individuals)						pers	ons)				
	- Male								House N	o.		
	- Female						yea		Street			
	- Others						- Prefer no		City			
	- Prefer not						to d	isclose	State			
	to disclose								Country			
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									Email (O'	ГР		
									verification	n		
									mandato	ry		
									-will be			
									redacted))		
									Contact			
									number			
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									verification			
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									-will be			
									redacted))		
3B. CATEGORY OF APPLICANT [Please tick (✓) a									ory]			
Natural Person () Other than				han	N		,	<i>'</i>		E	ducational institu	ution ()
		Small E	•			Startup ()	Othe	ers ()			
	4. INVENTOR(S) [Please tick (✓) at the appropriate				c	ategory]						
	ventor(s) sam		Yes ()					No ()				
applicant(s) named above?												

•	nish the deta								
Name in	Gender	Nationalit		•		Address of	the Inventor	•	
Full	(optional,		for natu		Residence				
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	persons)								
	- Male			years		House No.			
	- Female		- Prefei			Street			
	- Others		disclose	e		City			
	- Prefer not					State			
	to disclose					Country			
						Pin code			
5. TITLE O	F THE INVE	ENTION							
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(-)					Mobile No.	(OTP			
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	, PARTICUL					_			
Country	Application	n	Filing date		e of the	Title of the		IPC (as classified in	
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				FILE	D UNDER SEC	CTION 16, P	ARTICULA	ARS OF	
	(FIRST) AP)N		T				
Original (fir	st) application	No.			Date of filing	of original (f	irst) applicat	ion	
	E OF PATEN TON OR PAT		DITION FIL	ED UN	DER SECTIO	N 54, PART	ICULARS (OF MAIN	
Main applica	ation/patent N	0.			Date of filing	of main appli	ication		
12. DECLA						11			

	(i) Declaration by the inventor(s)			
	(In case the applicant is an assignee: the		• • • •	
	or enclose the assignment with this appli	cation for patent or send the assig	nment by post/electronictr	ansmission duly
	authenticated within the prescribed period			
	I/We, the above named inventor(s) is/are	e the true & first inventor(s) for th	is Invention and declare the	nat the applicant(s)
	herein is/are my/our assignee or legal rep	presentative.		
	(a) Date			
	(b) Signature(s)			
	(c) Name(s)			
ĺ	(ii) Declaration by the applicant(s) in t	the convention country		
	(In case the applicant in India is differ	ent than the applicant in the co	nvention country: the ap	plicant in the
	convention country may sign herein belo	w or applicant in India may uploa	d the assignment from the	applicant in the
	convention country or enclose the said as	ssignment with this application for	r patent or send the assign	ment by
	post/electronic transmission duly authen-	ticated within the prescribed period	od)	
	I/We, the applicant(s) in the convention	country declare that the applicant((s) herein is/are my/our ass	signee or legal
	representative.			
	(a) Date			
	(b) Signature(s)			
	(c) Name(s) of the signatory			
İ	(iii) Declaration by the applicant(s)			
	I/We the applicant(s) hereby declare(s) the	hat: -		
	☐ I am/We are in possession of the	above-mentioned invention.		
	☐ The provisional/complete specific	cation relating to the invention is	filed with this application.	
	☐ The invention as disclosed in the	specification uses the biological	material from India and th	ne necessary
		authority shall be submitted by		
	☐ There is no lawful ground of obje	ection(s) to the grant of the Patent	to me/us.	
	☐I am/we are the true & first inven	itor(s).		
	☐ I am/we are the assignee or legal	representative of true & first inve	entor(s).	
	☐ The application or each of the ap	-		as the first application
	in convention country/countries i			11
	☐ I/We claim the priority from the	above mentioned application(s) fi	led in convention country/	countries and state
	that no application for protection	in respect of the invention had be	en made in a convention of	country before that
	date by me/us or by any person fi			
	☐ My/our application in India is ba mentioned in Paragraph-9.	sed on international application u	nder Patent Cooperation T	reaty (PCT) as
	☐ The application is divided out of	my /our application particulars of	which is given in Paragra	ph-10 and pray that
	this application may be treated as	s deemed to have been filed on DI	D/MM/YYYY under section	on 16 of the Act.
	☐ The said invention is an improve	ment in or modification of the inv	ention particulars of which	h are given in
ļ	Paragraph-11.			
	13. FOLLOWING ARE THE ATTAC	CHMENTS WITH THE APPLIC	CATION	
ļ	(a) Form 2	Details	Fee	Remarks
ļ	Item Complete/provisional		1.00	Nelliai KS
	Complete/ provisional specification)#	No. of pages		
- 1	specification jff			

Item	Details	Fee	Remarks
Complete/ provisional	No. of pages		
specification)#			
No. of Claim(s)	No. of claims and No. of		
	pages		
Abstract	No. of pages		
No. of Drawing(s)	No. of drawings and No. of		
	pages		

In case of a complete specification, if the applicant desires to adopt the drawings filed with his provisional specification as the drawings or part of the drawings for the complete specification under rule 13(4), the number of such pages filed with the provisional specification are required to be mentioned here.

- (b) Complete specification (in conformation with the international application)/as amended before the International Preliminary Examination Authority (IPEA), as applicable (2 copies).
- (c) Sequence listing in electronic form
- (d) Drawings (in conformation with the international application)/as amended before the International Preliminary Examination Authority (IPEA), as applicable (2 copies).
- (e) Priority document(s) or a request to retrieve the priority document(s) from DAS (Digital Access Service) if the applicant had already requested the office of first filing to make the priority document(s) available to DAS.
- (f) Translation of priority document/Specification/International Search Report/International Preliminary Report on Patentability.
- (g) Statement and Undertaking on Form 3
- (h) Declaration of Inventorship on Form 5
- (i) Power of Authority

(1)	
Total fee ₹in Cash/ Banker's Cheque /Bank Draft bearing No Dateon Bank.	

I/We hereby declare that to the best of my/our knowledge, information and belief the fact and matters slatedherein are correct and I/We request that a patent may be granted to me/us for the said invention.

Dated this	day of	20	
Signature:			
Name:			
To,			
The Controller of Paten	its		
The Patent Office, at			

Note: -

- * Repeat boxes in case of more than one entry.
- * To be signed by the applicant(s) or by authorized registered patent agent otherwise where mentioned.
- * Tick (\checkmark)/cross (x) whichever is applicable/not applicable in declaration in paragraph-12.
- * Name of the inventor and applicant should be given in full, family name in the beginning.
- * Strike out the portion which is/are not applicable.
- * For fee: See First Schedule.

FORM 2 THE PATENT ACT 1970 (39 of 1970) &

The Patents Rules, 2003 PROVISIONAL/COMPLETE SPECIFICATION (See section 10 and rule13)				
1. TITLE OF THE INVENTION				
2. APPLICANT (S) (a) NAME: (b) NATIONALITY: (c) ADDRESS:				
3. PREAMBLE TO THE DESCRIPTION				
PROVISIONAL	COMPLETE			
The following specification describes the invention.	The following specification particularly describes the invention and the manner in which it is to be performed.			
4. DESCRIPTION (Description shall start from	next page.)			
5. CLAIMS (not applicable for provisional specification) on separate page)	cification. Claims should start with the preamble —			
6. DATE AND SIGNATURE (to be given at the	end of last page of specification)			
7. ABSTRACT OF THE INVENTION (to be giv page)	en along with complete specification on separate			
Note: - *Repeat boxes in case of more than one entry. *To be signed by the applicant(s) or by authorize *Name of the applicant should be given in full, f. *Con.plete address of the applicant should be given in full, f. *Strike out the column which is/are not applicant.	amily name in the beginning. ven stating the postal index no./code, state and			

FORM 3

THE PATENTS ACT, 1970

(39 of 1970)

and

THE PATENTS RULES, 2003						
	STATEMENT AND UNDERTAKING UNDER SECTION 8					
		(See s	sub-rule (2) and (3) of F	Rule 12)		
1. Name of t	he applicant(s).		I/We			
			hereby declare:			
	dress and nation	ality of the joint			on for patent number	
applicant.			in India, dated	, alone/jointly wi	ith,	
				ot made any applicati ne same invention out		
			Or			
(iii) that I/We have made for the same/ substantially same inverapplication(s) for patent in the other countries, the particulars of which are given below:			•			
Name of the country	Date of application	Application No.	Status of the application	Date of publication	Date of disposal	
3. Name and address of the assignee			he application(s) filed	d in India has/have been		
	(ii) that I/We undertake that upto the date of grant of the patent by					
	the Controller, I/We would keep him informed in writing regarding the details of corresponding applications for patents filed outside					
	India in accordance with the provisions contained in section 8 and rule 12.				=	
			Dated thisday	y of20		

4. To be signed by the applicant or his authorized registered patent agent.	Signature
5. Name of the natural person who has	(
signed.)
	То
	The Controller of Patents, The Patent Office, at
Note Strike out whichever is not applicable.	

FORM 4

THE PATENTS ACT, 1970

(39 of 1970)

and

THE PATENTS RULES, 2003

REQUEST FOR EXTENSION OF TIME OR CONDONATION OF DELAY

[See sections 53(2), and 142 (4); rules 12(5), 13(6), 24B(6), 24C(11), 80(1A), 130, 131(2) and 138]

1. Name of the applicant	I/We			
	hereby request for			
	extension of time for months(s) under section/rule			
	in connection with			
	my/our/application/Patent No			
	The reasons for making the request are as follows:-			
	Dated thisday of20			
2. To be signed by the applicant	Signature			
or his authorized registered	()			
patent agent				
3. Name of the natural person				
who has signed				
	То			
	The Controller of Patents,			
	The Patent Office,			
	at			
Note For fee: See First Schedule				

FORM 6 THE PATENTS ACT, 1970 (39 of 1970)

&

The Patents Rules, 2003

CLAIM OR REQUEST REGARDING ANY CHANGE IN APPLICANT FOR PATENT

[See sections 20(1), 20(4) and 20(5); rules 34(1), 35(1) and 36(1)]

1. Repeat the columns (a) to (c) if there are more than one applicant.	I/We,¹
2. Insert the name in full. The family or principal name in the beginning if the applicant is a natural person.	(c) 4 hereby request that the application for patent
 Insert the complete address including postal index number/code and state and/or country. 	Nodated
4. Insert the nationality.	may proceed in my/our name and further request
5. State the name of the applicant(s) for patent.	that direction of the Controller, if necessary be made in that effect
6. Original and certified copies of the documents shall accompany the claim or request. Consent by the legal representative of the deceased joint applicant shall be filed whenever required.	Reasons for making the above request are as follows:- I furnish the following document(s) in support of my above request: ⁶ (a) ⁷
Insert the details of the documents.	(b) ⁷
 Complete address including postal index number/code and state along with Telephone and fax number(s). 	My/our address for service in India is:. ⁸
To be signed by the applicant(s) or authorized registered patent agent.	

10. Name of the natural person who has signed.	
Dated th	is, 200
	Signature ^{9.}
The Pate	troller of Patents, ent Office,
N.B.: This form is not applicable f Note: (a) Strike out whichever is n (b) For fee:-See First Sche	ot applicable.
T! NO	FORM 7 E PATENTS ACT, 1970 (39 of 1970) & he Patents Rules, 2003 FICE OF OPPOSITION sections 25(3) and rule 55A]
State names, address and	
nationality.	
	hereby give notice of opposition to
State the grounds taken one after another.	patent No) granted on application Nodatedmade
	byon the grounds ² .
 Complete address including postal index number/code and state along with Telephone and fax number. 	
 To be signed by the opponent or by his authorized registered patent agent. 	
The Pa	Signature ⁴ () ⁵ ontroller of Patents, atent Office,
Fo	r fee : See First Schedule.

Name of the natural person who has signed.	
Dated th	is day of200
	Signature ^{9.}
_	Signature ^{9.}
The Pate	roller of Patents, nt Office,
N.B.: This form is not applicable for Note: (a) Strike out whichever is noted (b) For fee:-See First Sche	ot applicable.
THE	FORM 7 E PATENTS ACT, 1970 (39 of 1970) &
NOT	ne Patents Rules, 2003 FICE OF OPPOSITION sections 25(3) and rule 55A]
 State names, address and nationality. 	I/We, ¹
	hereby give notice of opposition to
State the grounds taken one after another.	application Nodated
	published on datedmade
	on the grounds 2.
 Complete address including postal index number/code and state along with Telephone and fax number. 	
 To be signed by the opponent or by his authorized registered patent agent. 	
The Pa	Signature ⁴ () ⁵ controller of Patents, atent Office,
Fo	r fee : See First Schedule.

F O R M 9 THE PATENTS ACT, 1970 (39 of 1970)

The Patents Rules, 2003 REQUEST FOR PUBLICATION [See section 11A(2); rule 24A]

Name, address and nationality of the applicant(s).	I/We ¹
2. To be signed by the applicant or	hereby request for early publication of my/ou
his authorized registered patent agent.	application for Patent No dated
	under section 11A(2) of the
	Act.
Dated th	nis day of 20
3. Name of the natural person who	Signature ²
has signed.	(). ³
	То
	The Controller of Patents, The Patent Office,
	At
Note: - For fee :	See First Schedule

FORM 18 THE PATENTS ACT, 1970 (39 of 1970)

α_ .

The Patents Rules, 2003 REQUEST/EXPRESS REQUEST FOR EXAMINATION OF APPLICATION FOR PATENT

[See section 11B and rule 20(4)(ii), 24B(1)(i)]

(FOR	OFF	FICE	USE	ONL	Y)

RQ. No: Filing Date: Amount of Fee Paid: CBR No:

Signature:

			i			
1. APPLICANT (S). (a) NAME:	OTHER INTERE	STED PE	RSON			
(b) NATIONALITY:						
(c) ADDRESS :						
2. Statement in case	o of roquest for a	vaminatio	n made by the	applicant	/el	
	•					an.
.I/We hereby reques	t that my/our appi				nied	
for		the	e			inven
titled						shal
examined under sect	tions 12 and 13 of	the Act.				
			Or			
I/We hereby make a	an express reques	st that my/	our application	for patent	no	filed o
	based on	Patent	Cooperation	Treaty	(PCT)	application
	dated					
made in country			_shall be exam	ined unde	r sections	s 12 and 13 of
Act, immediately with						
3. Statement in cas	e of request for e	xaminatio	n made by any	other int	erested	person
I/We the interested						
filed by t	•					
under sections 12 an						
As an evidence of m		e applicatio	on for patent fol	lowina doc	uments a	are submitted.
(a)						
(a)						
4. ADDRESS FOR S		 				
	Dated	this	day of	20		
			gnature			
		Name o	of the signatory			
To, The Controller of Pa The Patent Office, a						
NOTE:				tant nas-t		
*To be signed by the a *Strike out the column			ed tegistered pa	rent agent		

"FORM 18 A (FOR OFFICE USE ONLY) THE PATENTS ACT, 1970 RQ. No.: and THE PATENT RULES, 2003 Filing Date: REQUEST FOR EXPEDITED EXAMINATION Amount of fee Paid: OF APPLICATION FOR PATENT CBR no: [See section 11B and Rule 24C] Signature: 1. APPLICANT(s) (A)NAME: (B) NATIONALITY: (C) ADDRESS: 2. I/We -----hereby request that my/our application for patent no.-----filed on-----for -----for ------the-----the------the -----shall be examined under sections 12 and 13 of the Act. or I/We -----hereby request that my/our application for patent no.-----filed on-----for -----for ------ based on Patent Cooperation Treaty (PCT) application no...... dated...... made in country shall be examined under sections 12 and 13 of the Act, immediately without waiting for the expiry of 31 months as specified in rule 20(4)(ii). or I/We hereby request that my/our request for examination bearing no.-----for application for patent no.-----filed on------for ------for

the-----invention titled ------invention

-----may be converted to a request for expedited examination of patent application

under rule 24C and the application shall be examined under sections 12 and 13 of the Act.

3. The applicant(s) to indicate (by ticking the appropriate box) any of the grounds applicable in				
case of request for expedited examination made by on any of the following grounds:				
that the applicant is a startup, or				
that India has been indicated as the competent International Searching Authority or elected				
as an International Preliminary Examining Authority in the corresponding international				
application.				
ADDRESS FOR SERVICE IN INDIA:				
Dated this day of 20				
Signature				
Name of the signatory				
То				
The Controller of Patent				
The Patent Office, at				
NOTE:				
To be signed by the applicant(s) or by his/ their authorized registered patent agent				
"Strike out the column(s) which is/ are not applicable.";				
For fee: See First Schedule.";				

FORM 27

THE PATENTS ACT, 1970 (39 of 1970) AND

THE PATENTS RULES, 2003

No Fee

STATEMENT REGARDING THE WORKING OF PATENTED INVENTION(S) ON A COMMERCIAL SCALE IN INDIA

[See section 146(2) and rule 131(1)]

1. 2.	Insert name, address, nationality, patent number(s). State the financial year	I/ We, the Patentee(s)/ Licensee, in respect of patent number(s), furnish this statement, (Explanation: One form may be filed in respect of multiple patents, provided all of them are related patents and are granted to the same patentee(s)). in respect of the financial year		
۷.	to which the statement relates.	in respect of the financial year firm.		
3.	Worked / not worked. Please state whether each patent in respect of which this form is being filed is worked or not worked.	Patent Number(s) Worked [Tick (✓) if applicable] Not worked [Tick (✓) if applicable]		
4.	If not worked, please tick the appropriate reasons	 □ Patented Invention is under development/ commercial trial □ Patented Invention is under Review/approval with Regulatory authorities □ Exploring commercial licensing □ Any other, may specify: 		
5.	Whether the patent is available for licensing	☐ YES ☐ NO In case of YES, would you be interested in receiving communications from any person interested in seeking a license. If so, kindly provide contact details as below: Email address:		
		Dated this day of 20		
6.	To be signed by Patentee(s) / Licensee / Authorised Agent furnishing the statement.	To The Controller of Patents, The Patent Office, at		

"FORM 28

THE PATENTS ACT, 1970

(39 of 1970)

AND

THE PATENTS RULES, 2003

TO BE SUBMITTED BY A SMALL ENTITY /STARTUP/EDUCATIONAL INSTITUTION

	[See rules 2 (fa), 2(fb), 2(ca) and 7]			
1	Insert name, address and nationality.	I/We		
		applicant/ patentee in respect of the patent application		
		noor patent no		
		hereby declare that I/we am/are a small entity in		
		accordance with rule 2(fa) or a startup in accordance		
		with rule 2(fb) or an educational institution in accordance with rule 2(ca) and submit the following document(s) as proof:		
2	Documents to be submitted			
	i. For claiming the status of a small entity:			
	A. For an Indian applicant: Evidence of registration under the Micro, Small and Medium			
	Enterprises Act, 2006 (27 of 2006).			
	B. In case of a foreign entity: Any ot	ther document.		
	ii. For claiming the status of a startup			
	A. For an Indian applicant: Any document as evidence of eligibility, as defined in rule 2(fb).			
	B. In case of a foreign entity: Any other document.			
	iii For claiming the status of an educational institution			
	A. For an Indian applicant: Any document as evidence of eligibility			
	B. In case of a foreign educational institution: Any other document.			
3	To be signed by the applicant(s) /	The information provided herein is correct to the best		
	patentee (s) / authorised registered	of my/our knowledge and belief.		
	patent agent.	Dated thisday of 20		
	ı			

4	Name of the natural person who has	Signature
	signed.	

Designation and official seal, if any,	(Name)
of the person who has signed.	(Designation)
	То
	The Controller of Patents,
	The Patent Office,
	At";

"FORM 29

THE PATENTS ACT, 1970

(39 of 1970)

and

THE PATENTS RULES, 2003

REQUEST FOR WITHDRAWAL OF THE APPLICATION FOR PATENT

[See Section 11B(4) and rules 7(4A), 26]						
1. Name of the applicant	I/ We—request that					
	the application for patent numbered					
	datedfiled by					
	me/us, if applicable, having the request for					
	examination / request for expedited examination					
	numbered					
	dated,					
be treated as withdrawn under rule 7(4						
2. To be signed by the applicant or his						
authorized registered patent agent						
	Datedday of					
3. Name of the natural person who has	Signature					
signed	()					
	(Name)					
	(Designation)					
	, ,					
	То					
	The Controller of Patents					
	Patent Office at					
N.B. strike out whichever not applicable						

FORM 30

THE PATENTS ACT ,1970

(39 of 1970) and

THE PATENTS RULES,2003

TO BE USED WHEN NO OTHER FORM IS PRESCRIBED

[See sub-rule (2) of Rule 8]

1. Name of the	I/We			
Applicant/Patentee/Other				
2. Complete address including	House No.		Telephone	
postal index number/code and	Street		No.	
State along with e-mail ID,			Mobile No.	
telephone, mobile and fax				
number.	City		Fax No.	
	State			
	Country			
	Pin code		E-mail ID	
3. Application No. / Patent No.				
4. Relevant section / rules				
5. Purpose of request				
6. Details of request				
7. To be signed by applicant	Signature			
8. Name of the natural person who has signed along with	()			
designation and official seal, if				
any.				
	To,			
	The Controller of Patents,			
	The Patent Office,			
	at".			

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