

AM Legal Associates

Regd. Office: #5, 3rd Floor, DSK Kartik Bldg., Apex Colony, Shanti Sheela Hsg. Society, Bafna-Tata Motors Showroom Lane, Law College Road, Erandwane, Pune M.S. India 411004

Phone 91. 9607 300 350 Email: amassist@amlegassociates.com, ipassociate18@gmail.com

INDUSTRIAL DESIGN DISCLOSURE FORM

NOTE Please refer the FAQ on last page of this document.

Sr. No	APPLICANT DETAILS:		
1	Name, Email and Phone No.	Nationality and AADHAR No.	Address and email:
1.1	Dr. K.N Vijaya Kumar Email: VijayKumar.Kottur@djsce.ac.in Cell: 9869363683	INDIAN 596279608675	SVKM's Dwarkadas J. Sanghvi College of Engineering, No. U-15, J.V.P.D. Scheme, Bhaktivedanta Swami Rd, Opp.Cooper Hospital, Vile Parle, Mumbai, Maharashtra 400056 Email: VijayKumar.Kottur@djsce.ac.in
1.2	Dr. Hari Vasudevan Email: Principal@djsce.ac.in Cell: 9821464696	INDIAN 454277976993	SVKM's Dwarkadas J. Sanghvi College of Engineering, No. U-15, J.V.P.D. Scheme, Bhaktivedanta Swami Rd, Opp.Cooper Hospital, Vile Parle, Mumbai, Maharashtra 400056 Email: Principal@djsce.ac.in
1.3	Shri Vile Parle Kelavani Mandal's Dwarkadas J. Sanghvi College of Engineering		U-15, JVPD Scheme, Bhaktivedanta Swami Road, Opp. Cooper Hospital, Vile Parle West, Mumbai - 400056
1.4	Prof.Rajnarayan Yadav	Indian 649178596065	B-1501, Parinee Essence, Bhabrekar nagar , opp JMD skoda workshop, Knadivali (west) 400067
1.5	Vinit Kothari vinitkothari2000@gmail.com +91-9930849511	Indian 850251735568	A/904, krishna kunj, salasar brijbhoomi, 150 ft road, bhayander - W, thane- 401101
1.6	Khaish Singh Chadha +91-9820223883 khaish13@gmail.com	Indian 870157250915	Plot no 122, chadha niwas, shaheed bhagat singh society, Andheri kurla road, j.b nagar, Andheri east, Mumbai-400059
1.7	Vishrut Viradia viradia18120@gmail.com +91-9920523822	Indian 588385000421	B/601, Ruchi apartments, devidas lane, borivali - west, mumbai - 400092
1.8	Siddharth Jain siddh120011@gmail.com +91-9819012893	Indian 796686254191	61, Ratnakar CHS LTD, 8th Khetwadi, Mumbai - 400004

AM Legal Associates

Regd. Office: #5, 3rd Floor, DSK Kartik Bldg., Apex Colony, Shanti Sheela Hsg. Society, Bafna-Tata Motors Showroom Lane, Law College Road, Erandwane, Pune M.S. India 411004

Phone 91. 9607 300 350 Email: amassist@amlegassociates.com, ipassociate18@gmail.com

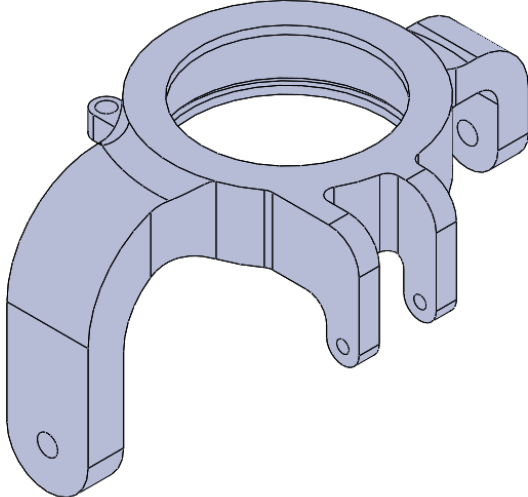
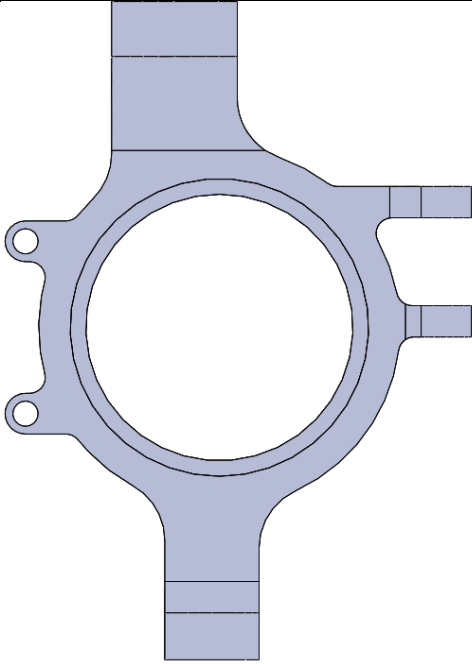
1.9	Ramkrishna Tank ramkrishna2110@gmail.com +91 8356889309	Indian 516195413315	C-11, Aniket Chs, plot no. 616, sector-6, Charkop, Kandivali west - 400067
1.10	Manas Negandhi manasnegandhi2001@gmail.com +91 8169560686	Indian 391813390913	Room no. 3, Harisingh Sodha Chawl, Sahakar market, Pant Nagar, Ghatkopar (East), Mumbai-400075.
1.11	Dev Panchal dmpanchal04@gmail.com +91 8652353044	Indian 633956958118	D-705, Jalaram Park, L.B.S. Marg , Near Sonapur Signal, Bhandup (west), Mumbai-400078-

In case of additional applicants add additional rows accordingly:

2	Title of the article:	Design of Knuckle
3	Description of the article (Max 200 Words):	The steering knuckle joint is used to connect the suspension arms and steering tie rod to the wheel assembly. It is one of the most important components of the wheel assembly. This knuckle has been designed for a double A-arm suspension system of a four-wheel drive all-terrain vehicle using the r-zeppa joint as an active spindle with the shocks mounted on the upper A-arm. The steering arm is inbuilt into the Knuckle joint that connects to the tie rod. The two clevises have been provided in the knuckle joint to connect with the upper and lower A-arm's outer ball joints. One clevis has also been provided for the clamping of the brake caliper.
4	Applications/Uses of the article	The steering knuckle joint is used to connect the suspension arms and steering tie rod to the wheel assembly. It converts the translatory motion of the tie rod to rotary motion and helps steer the wheels. It transfers the loads from the tire to the shocks to dampen them. It connects the third shaft to the wheel assembly.
5	Please provide 7 views of the article in the following fields. The view should be 1. 3-D View (Perspective View), 2. Front View, 3. Rear View, 4. Top View, 5. Bottom View, 6. Left hand side view, 7. Right Hand Side View	

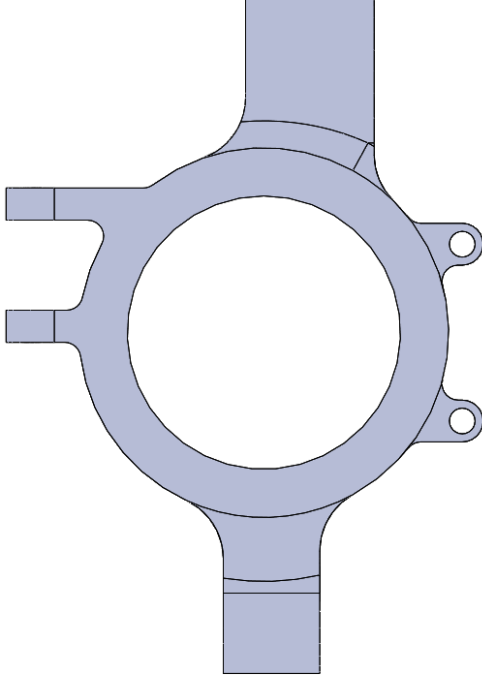
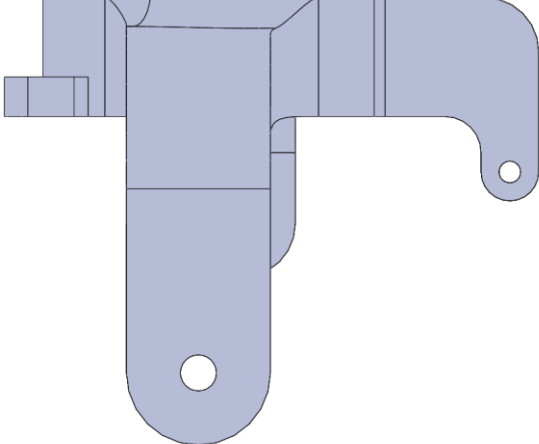
AM Legal Associates

Regd. Office: #5, 3rd Floor, DSK Kartik Bldg., Apex Colony, Shanti Sheela Hsg. Society, Bafna-Tata Motors Showroom Lane, Law College Road, Erandwane, Pune M.S. India 411004
Phone 91. 9607 300 350 Email: amassist@amlegalassociates.com, ipassociate18@gmail.com

5.1	Perspective View (3D View)	 A 3D perspective view of a mechanical part. It features a central circular opening with a flange-like top edge. The part has several protruding sections: a curved arm on the left, a vertical section at the bottom, and a complex assembly of rectangular blocks on the right side. The entire part is rendered in a light blue color with black outlines.
5.2	Front View	 A front view of the mechanical part. It shows a central circular opening. On the left side, there are two small circular holes. On the right side, there are two rectangular protrusions. The top and bottom of the part are wider and feature horizontal lines, suggesting a flange or mounting surface. The part is rendered in a light blue color with black outlines.

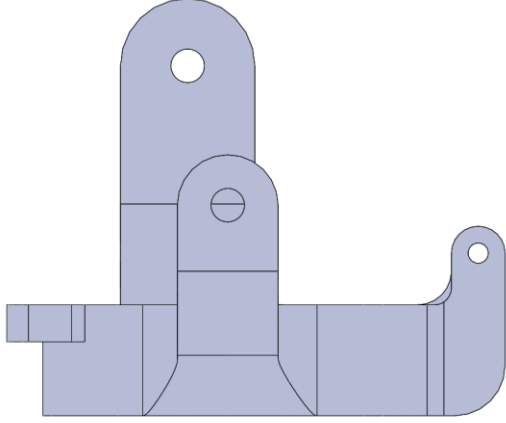
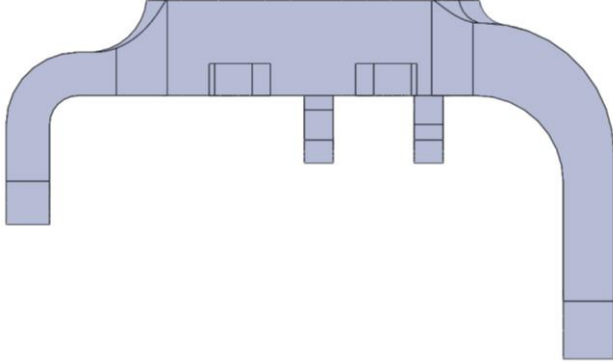
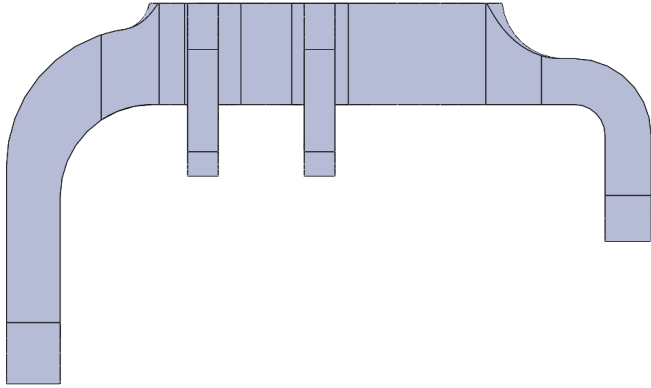
AM Legal Associates

Regd. Office: #5, 3rd Floor, DSK Kartik Bldg., Apex Colony, Shanti Sheela Hsg. Society, Bafna-Tata Motors Showroom Lane, Law College Road, Erandwane, Pune M.S. India 411004
Phone 91. 9607 300 350 Email: amassist@amlegassociates.com, ipassociate18@gmail.com

5.3	Rear View	 The rear view of a mechanical part, showing a central circular opening. The part has a vertical cylindrical section at the top and bottom. On the left side, there are two horizontal protrusions. On the right side, there are two small circular features, possibly mounting points or holes.
5.4	Top View	 The top view of a mechanical part, showing a complex, multi-faceted shape. It has a vertical section on the left with a circular hole. The main body is horizontal and has a curved end on the right with a circular hole. There are various rectangular and cylindrical features throughout the part.

AM Legal Associates

Regd. Office: #5, 3rd Floor, DSK Kartik Bldg., Apex Colony, Shanti Sheela Hsg. Society, Bafna-Tata Motors Showroom Lane, Law College Road, Erandwane, Pune M.S. India 411004
Phone 91. 9607 300 350 Email: amassist@amlegassociates.com, ipassociate18@gmail.com

5.5	Bottom View	
5.6	Left Side View	
5.7	Right Side View	

Alternatively, please provide the 7 views in pdf files in the form of attachments to email along with this DDF.

AM Legal Associates

Regd. Office: #5, 3rd Floor, DSK Kartik Bldg., Apex Colony, Shanti Sheela Hsg. Society, Bafna-Tata Motors Showroom Lane, Law College Road, Erandwane, Pune M.S. India 411004
Phone 91. 9607 300 350 Email: amassist@amlegassociates.com, ipassociate18@gmail.com

Industrial Design Registration FAQ

1. What is a design protection?
 - Design Registration is possible only for the outer features of an article such as shape, configuration, pattern, ornament or composition of lines or colours that are judged solely by the eye. It is to be understood that these features should be applied to the article in two dimensional or three dimensional or in both forms using any industrial process.

2. Who can apply for an industrial design?
 - Application for Design is done by a proprietor wherein the proprietor may be from India or from a Convention Country. However, the proprietor essentially needs to be an author of the design or a person, who has acquired the design, or a person for whom the design has been developed by the author, or a person on whom the design has devolved.

3. Are there any classes for filing a design application?
 - Every article that needs to be protected under design belongs to a particular class which needs to be mentioned in the design application form. However, a separate application is required to be filed for each class for registering of a design in more than one class. Under the Designs Rules, 2001, articles have been classified in 32 different classes and respective subclasses based on Locarno Classification.

4. How much time is required to get a design registered in India?
 - Ordinarily the time required for registration in India is around one year. However, this time is substantially dependent on the various phases through which the application proceeds such as for example, formality check pass, examination, objections, hearing and registration.

5. Is there any difference between a patent and a design protection?
 - Yes. Patent provides exclusive rights for a product/process passing three criteria of patentability, namely Novelty, Inventive step and Industrial applicability. In comparison, the Design provides protection to ornamental or aesthetic look of an article solely appealing to an eye of the observer.

6. What are the criteria to decide grant of a design?
 - The main criteria for deciding grant of design are Novelty and Originality. The design shall be considered to be new when it has not been disclosed to the public, anywhere in India or in any other Country, by publication or by use or in any other way, prior to the filing date or priority date. Originality means originating from the author of design for a first time or old in themselves yet they are new in their applications.

7. What is term of a design protection in India?

AM Legal Associates

Regd. Office: #5, 3rd Floor, DSK Kartik Bldg., Apex Colony, Shanti Sheela Hsg. Society, Bafna-Tata Motors Showroom Lane, Law College Road, Erandwane, Pune M.S. India 411004

Phone 91. 9607 300 350 Email: amassist@amlegalassociates.com, ipassociate18@gmail.com

- The term of design protection in India is 10 years. However, this term may be extended by 5 more years. Effectively, the term of design protection in India is 15 years.
8. What rights does a design owner have?
- The proprietor of the design gets exclusive right called “copyright of designs” to apply the design to the article in a class in which the design is registered. The registered proprietor can institute a suit for injunction as well as recovery of damages against any person engaged in piracy of the registered design. The suit for injunction / damages can also be instituted in any Court not inferior than District court.
9. Can a design registration be opposed?
- Yes. There is a provision of cancellation in Designs Act. Any interested person can file a petition for cancellation of registered design based on various grounds mentioned in the designs Act.