

**Patent of ICAR NRC on Mithun, Medziphema, Nagaland-797106 (2014-2021)**

**No. Patent granted: 04**

<b>S. No</b>	<b>Date of filling Application IPR title (Provisional/Complete)</b>	<b>Application Number allotted by the issuing Authority</b>	<b>Developing Institute</b>	<b>Title</b>	<b>Innovator(s)</b>	<b>Status of Application</b>
1	13.12.2012	1402/KOL/2012	ICAR-National Research Centre on Mithun, Nagaland and College of Engineering and Leather Technology Kolkata	A method for bio-preservation of mithun hides	Dr. C. Rajkhowa Dr. G. Mukherjee Dr. K.K. Baruah Dr. B. Chattopadhyay	Granted on <b>11.12.2019</b>
2	07.11.2012	1277/KOL/2012	ICAR-National Research Centre on Mithun, Nagaland and College of Engineering and Leather Technology Kolkata	An energy efficient post tanning process for mithun hides	Dr. C. Rajkhowa Dr. G. Mukherjee Dr. K.K. Baruah Dr. K.C Das	Granted on <b>13.04.2023</b>
3	30.03.2012	360/KOL/2012 (Transferred to L.S. Davar)- Complete filed on 1 <sup>st</sup> April 2013	National Research Centre on Mithun, Nagaland and College of Engineering and Leather Technology	a process of making leather without any large machinery	Dr. K.C. Das Dr. G. Mukherjee Dr. C. Rajkhowa Dr. B. Prakash Dr. K.K. Baruah Dr. A.	Granted on <b>19.05.2023</b>

			Kolkata		Mukherjee Dr.	
4	19.02.2013	192/KOL/2013	National Research Centre on Mithun, Nagaland and College of Engineering and Leather Technology Kolkata	a method of processing rabbit fur on leather	Dr. C. Rajkhowa Dr. G. Mukherjee Dr. K.K. Baruah Dr. R. K. Singh Dr. B. Chattopadhyay	Granted on <b>15.05.2023</b>

## Patent under Process: 06

Serial Number	Application/Registration No	Name of Innovation/Technology/Products/Ventures	Date of Filing/Registration	Status
1	1334/KOL/2012	A method for processing rabbit pelts and fur	20/11/2012	Application in Hearing
2	1276/KOL/2012	A novel method of chrome tanning of mithun hides with Glyoxalic Acid	07/11/2012	Application in Hearing
3	1197/KOL/2012	An improved method for chrome Tanning mithun hides	17/10/2012	IN ORDER FOR GRANT UNDER SECTION 43,AWAITING NBA APPROVAL
4	183/KOL/2013	A method of removal of chromium from chrome liquor obtained after processing of mithun hides	18/02/2013	IN ORDER FOR GRANT UNDER SECTION 43,AWAITING NBA APPROVAL
5	202111013662	Method of preparing mineral block added with environment friendly materials	27.03.2021	Applied

6	<b>202331027331</b>	PROCESS FOR DRYING AGRO-INDUSTRIAL BY-PRODUCTS AND USING IT AS A COMPONENT OF ANIMAL FEED BLOCK	13.04.2023	Applied
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**No. of design granted: No.07**

Sl	Name of design	Application number	Application date	Date of filing request examination	Date of submission of reply to FER	Remarks
1	<b>HUMANE CHICKEN KILLING CONE</b> in Class 08-05 <b>(330515-001)</b>	330515-001	27.06.2020	- There is no requirement to file a request separately. When an application is filed, it is examined	22.10.2020	Granted on <b>02.02.2021</b>
2	<b>POULTRY MAIZE FEEDER</b> for Backyard Chicken in Class 30-03 <b>(330514-001)</b>	<b>(330514-001)</b>	27.06.2020	-same as above-	22.10.2020	Granted on <b>04.01.2021</b>
3	DRYER Class 15-05 <b>(330513-001)</b>	<b>330513-001)</b>	27.06.2020	same as above-	22.10.2020	Granted on <b>18.03.2021</b>
4	Portable mineral block dispenser with adjustable height	334974-001	06.11.2020	-same as above-	21.04.2021	Granted on <b>10.11.2021</b>
5	De-Save Portable	324931-001	23.12.2019	-same as above-	08.12.2020	Granted on <b>11.11.2022</b>

	Mineral Block Dispenser for Animals					
6	Large Animal Ectoparasite Expeller cum Drug Applicator	335631-001	27.11.2020	-same as above-	08.01.2021	Granted on 16.08.2022
7	<b>Travis for restraining of bovines'.</b>	<b>38107-001; Class No. 30-02</b>	<b>08.03.2023</b>	-	-	Granted on <b>25.05.2023</b>

**Copy right: No.03**

Name of Copyright	Application/Registration No	Name of Innovation/Technology/Products/Verities	Date of Filling/Registration	Status
<b>Cinematograph Film</b>	12786/2021-CO/CF	Promotional video on semi-intensive Mithun farming (Registration No. <b>CF-5014/2021</b> )	09.06.2021	Granted on 25.08.2021
Mithun Mitra App	7076/2020-CO/SW SOFTWARE	<b>MITHUN MITRA APP</b> (Registration number: SW-13613/2020)	28.05.2020	Granted on 17.08.2020
<b>Cinematograph Film</b>	Diary Number: <b>23232/2021-CO/CF</b>	Documentary on NICRA Intervention: 2012-2020 KVK Phek	24.09.2021	Granted on <b>31.12.2021</b>

**Technology commercialization: 01**

Serial no.	Name of technology	Commercialized through party
01	Large Animal Ectoparasite Expeller cum Drug Applicator	Creative Displayers, West Bengal

**Copy right: No.07 (Under process):**

Name of Copyright	Application/Registration No	Name of Innovation/Technology/Products/Verities	Date of Filling/Registration	Status
Artistic works	Diary Number: 30715/2021-CO/A	Ovulation predictor and timing of artificial chart for mithun	18.12.2021	Under process
Cinematograph Film	Diary Number: 19876/2022-CO/CF	Diversified Uses of Mithun	20.09.2022	Applied
Cinematograph Film	Diary Number: 19872/2022-CO/CF	Collection, Evaluation and Freezing of Mithun Semen	20.09.2022	Applied
Cinematograph Film	Diary Number: 19871/2022-CO/CF	Foot and Mouth Disease (FMD) in Mithun: A Farmer's Guide	20.09.2022	Applied
Cinematograph Film	Diary Number: 19874/2022-CO/CF	Estrus detection and Artificial Insemination (AI) in Mithun	20.09.2022	Applied
Artistic works	Diary Number: 21591/2022-CO/A	Mithun Body Condition Scoring System(MBCSS)	14.10.2022	Applied
Artistic work	Diary Number: 26993/2022-CO/A	Semi-intensive rearing model	23.12.2022	Applied

**LIST OF TRADE MARK: 07**

<b>IPRs</b>	<b>Application/ Registration No</b>	<b>Name of Innovation/ Technology/Products/Verities</b>	<b>Granted on</b>
Trademark	2264166	μLEDER, (class 18) Leather product: jacket, shoes, wallet, hand bags, suitcase, belt and key ring	15.10.2015
	2265996	μthimin (class 5), mineral Mixture	13.08.2015
	2267656	μeef (class 29), Meat of mithun	02.05.2014
	2267657	μlk (class 29), Lassi, barfi, rasgulla, paneer	12.08.2015
	2272255	μyum (class 29), Meat patties, smoke meat, meat sauces, meat block, seasoned dried mithun meat	14.10.2015
	2272256	Logo of mithun head (class 5, 18, 29)	14.10.2015
	2272257	NRCM (class 5, 18, 29)	14.10.2015
			Renewal on 24.02.2022