

## Patents filed by ICAR-NDRI

S.. No	Title of Patent	Application Number
1	A cross-linked membrane with flow-line capable of arresting free-flowing gold nanoparticles and the process for the same. <b>dated 13.10.2017</b>	201711036404
2	The Preparation of Buffalo Milk Casein Hydrolysates with enriched antioxidative Peptides and the process thereof. <b>Filling Date – 04/07/2017</b>	Patent Filed 201711023424
3	Construction of Mutant Strain of <i>Kluyveromycesmarxianus</i> for Enhanced Galactose Utilization. <b>Filling Date – 31/08/2017</b>	201711030808
4	Oil in Water Curcumin Nanoemulsion and Method of Preparation Thereof. <b>Filling Date -30/05/2016</b>	Patent Filed 201611018434
5	Caseinophosphopeptides-divalent Metal (Iron/zinc) nanocomplexes and method of preparation thereof. <b>Filling Date -28/03/2017</b>	Patent Filed 201711010975
6	Aptamers specific for cefquinome. <b>Filling Date -15/06/2015</b>	Patent Filed 1775/DEL/2015
7	Novel Peptide sequence and polyclonal antibodies for the detection of cow and buffalo luteinizing hormone. <b>Filling Date -23/06/2015</b>	Patent Filed 1854/DEL/2015
8	A process for Iron Fortification of Paneer using Edible Coating. <b>Filling Date - 02/12/2015</b>	Patent Filed 3926/DEL/2015
9	Rapid spore enzyme based miniaturized assay (s) for detection of pesticide residues. <b>Filling Date – 23/11/2015</b>	Patent Filed 3819/ DEL/ 2015
10	A Strip based test for detection of detergent in milk. <b>Filling Date -19/03/2015</b>	750/DEL/2015
11	High fiber reduced calorie biscuits from dairy-multigrain composite. <b>Filling Date -20/03/2015</b>	758/DEL/2015
12	A PCR based method for detection of a field strain of Urea plasma diversum. <b>Filling Date -24/03/2015</b>	806/DEL/2015
13	Mangiferaindica flower panicles' extract stablized gold nanoparticles and method for making the same. <b>Filling Date -24/03/2015</b>	807/DEL/2015
14	Antimicrobial Nanoemulsion of Clove Oil stabilized with milk protein and a process thereof. <b>Filling Date -31/03/2015</b>	913/DEL/2015
15	Microencapsulated flaxseed oil powder and a method of preparation thereof.	2030/DEL/2014

	<b>Filling Date -18/07/2014</b>	
16	A strip for detection of maltodextrin in milk and process for the same. <b>Filling Date -24/07/2014</b>	2097/DEL/2014
17	Development of enzyme-spore based assay (s) for monitoring antibiotic residues in milk. <b>Filling Date -05/08/2014</b>	2213/DEL/2014
18	Marker enzymes and spore germination based assay for detection of E. coli in milk and milk products. <b>Filling Date -05/08/2014</b>	2214/DEL/2014
19	Development of a Bubalus bubalis (Indian Water Buffalo) mammary epithelial cell line. <b>Filling Date -01/10/2014</b>	2806/DEL/2014
20	Application of a mammary gland specific glycoprotein as a biomarker for detection of sub-clinical mastitis. <b>Filling Date -01/10/2014</b>	2807/DEL/2014
21	Composition for Modulating Fertility. <b>Filling Date -15/12/2014</b>	3703/DEL/2014
22	<b>Casein hydrolysates rich in caseinophosphopeptides</b> <b>Filling Date -05/02/2013</b>	331/Del/2013
23	A Milk-Protein Based Nutritive Antacid and a Process for its Preparation. <b>Filling Date -28/02/2014</b>	574/DEL/2014
24	Aptamers specific for aflatoxin M1 and B1. <b>Filling Date -25/06/2013</b>	1864/DEL/2013
25	A peptide with osteoanabolic and antiresorptive activity. <b>Filling Date -20/09/2013</b>	2778/DEL/2013
26	A Strip for Detection of Added Urea in Milk and Process for the same. <b>Filling Date -29/11/2013</b>	3472/DEL/2013
27	Aptamer specific for Betacasomorphin7 (BCM7). <b>Filling Date -18/12/2013</b>	3703/DEL/2013
28	Two Stage Enzyme Assay for Detection of <i>Listeria Monocytogenes</i> in Milk Products. <b>Filling Date -07/05/2013</b>	1357/DEL/2013
29	Real Time Detection of Enterococci in Dairy Foods using Spore Germination Based Bioassay. <b>Filling Date -12/01/2012</b>	119/DEL/2012
30	Method and system for automatic identification and estrous detection in buffaloes on their vocalization patterns” <b>Filling Date -31/10/2011</b>	3090/DEL/2011
31	A qualitative and quantitative test for anionic detergent in milk”. <b>Filling Date -16/12/2011</b>	3677/DEL/2011
32	A process of bioethanol production by immobilized thermotolerant yeast from whey” <b>Filling Date -19/12/2011</b>	3710/DEL/2011