

Key:**IPR Wave:**

- 1 IPR 1 through 4 - April 2014
- 2 IPR 5 through 8 - June 2014
- 3 IPR 9 through 10 - Sept 2014
- 4 IPR 11 through 25 - Jan/Feb 2015

Green shading in "Ground" column indicates that IPR/Ground was NOT instituted

Patent No.	Ass. Claims	IPR Filing Date	IPR Name	IPR No.	IPR		Reference		
					Wave	Ground			
7,104,347	1	4/4/2014	IPR 03	IPR2014-00571	1	2	Ehsani Severinksy '970		
						3	Ehsani Severinksy '970		
					IPR 04	IPR2014-00579	1	1	Bumby I Bumby II Bumby III Bumby IV Bumby V
				6/5/2014	IPR 07	IPR2014-00884	2	1	Caraceni
				2/23/2015	IPR 22	IPR2015-00795	4	1	Ibaraki '882 Koide
				2/23/2015	IPR 22	IPR2015-00795	4	1	Ibaraki '882 Koide
				2/23/2015	IPR 22	IPR2015-00795	4	2	Frank '363 Ibaraki '882 Koide
				2/23/2015	IPR 22	IPR2015-00795	4	2	Frank '363 Ibaraki '882 Koide
				2/23/2015	IPR 22	IPR2015-00795	4	1	Ibaraki '882 Koide
				4/4/2014	IPR 03	IPR2014-00571	1	2	Ehsani Severinksy '970
				4/4/2014	IPR 03	IPR2014-00571	1	2	Ehsani Severinksy '970
								3	Ehsani Severinksy '970
					IPR 04	IPR2014-00579	1	1	Bumby I Bumby II Bumby III Bumby IV Bumby V

Patent No.	Ass. Claims	IPR Filing Date	IPR Name	IPR No.	IPR Wave	Ground	Reference	
7104347	7	6/5/2014	IPR 07	IPR2014-00884	2	1	Caraceni	
	8	4/4/2014	IPR 04	IPR2014-00579	1	1	Bumby I Bumby II Bumby III Bumby IV Bumby V	
	9	4/4/2014	IPR 03	IPR2014-00571	1	2	Ehsani Severinksy '970	
						3	Ehsani Severinksy '970	
	10	6/5/2014	IPR 07	IPR2014-00884	2	1	Caraceni	
	14	2/23/2015	IPR 22	IPR2015-00795	4	7	Ibaraki '882 Koide Lateur '280	
	15	4/4/2014	IPR 03	IPR2014-00571	1	2	Ehsani Severinksy '970	
						3	Ehsani Severinksy '970	
	16	2/23/2015	IPR 22	IPR2015-00795	4	3	Ibaraki '882 Kawakatsu Koide	
	18	4/4/2014	IPR 04	IPR2014-00579	1	1	Bumby I Bumby II Bumby III Bumby IV Bumby V	
	19	2/23/2015	IPR 22	IPR2015-00795	4	5	Ibaraki '882 Koide Yamaguchi	
	20	2/23/2015	IPR 22	IPR2015-00795	4	4	Ibaraki '882 Koide Vittone	
	21	4/4/2014	IPR 03	IPR2014-00571	1	2	Ehsani Severinksy '970	
						3	Ehsani Severinksy '970	
				IPR 04	IPR2014-00579	1	1	Bumby I Bumby II Bumby III Bumby IV Bumby V
		6/5/2014	IPR 07	IPR2014-00884	2	1	Caraceni	
	22	2/23/2015	IPR 22	IPR2015-00795	4	6	Ibaraki '626 Ibaraki '882 Koide	
	23	4/4/2014	IPR 03	IPR2014-00571	1	1	Severinksy '970	

Patent No.	Ass. Claims	IPR Filing Date	IPR Name	IPR No.	IPR		Reference
					Wave	Ground	
7104347	23	41733	IPR 04	IPR2014-00579	1	1	Bumby I
							Bumby II
							Bumby III
							Bumby IV
							Bumby V
	24	6/5/2014	IPR 07	IPR2014-00884	2	2	Tabata '201
							Tabata '541
	24	2/23/2015	IPR 21	IPR2015-00794	4	1	Ibaraki '882
							6/5/2014
	24	2/23/2015	IPR 21	IPR2015-00794	4	1	Tabata '541
							Ibaraki '882
	25	2/23/2015	IPR 21	IPR2015-00794	4	7	Frank '363
							Ibaraki '882
	26	2/23/2015	IPR 21	IPR2015-00794	4	7	Frank '363
							Ibaraki '882
	27	2/23/2015	IPR 21	IPR2015-00794	4	6	Ibaraki '882
							Lateur '280
	28	2/23/2015	IPR 21	IPR2015-00794	4	1	Ibaraki '882
	29	2/23/2015	IPR 21	IPR2015-00794	4	2	Ibaraki '882
	30	2/23/2015	IPR 21	IPR2015-00794	4	1	Ibaraki '882
	32	2/23/2015	IPR 21	IPR2015-00794	4	1	Ibaraki '882
	36	4/4/2014	IPR 03	IPR2014-00571	1	1	Severinsky '970
	37	4/4/2014	IPR 04	IPR2014-00579	1	1	Bumby I
							Bumby II
							Bumby III
							Bumby IV
							Bumby V
	39	2/23/2015	IPR 21	IPR2015-00794	4	3	Ibaraki '882
							Vittone
	40	2/23/2015	IPR 21	IPR2015-00794	4	4	Ibaraki '882
							Yamaguchi
	41	2/23/2015	IPR 21	IPR2015-00794	4	5	Ibaraki '626
							Ibaraki '882
7,237,634	1	6/5/2014	IPR 08	IPR2014-00904	2	1	Field
							SAE 1996
							Severinsky '970
	2	2/22/2015	IPR 15	IPR2015-00784	4	1	Ehsani
							Severinsky '970
	2	2/22/2015	IPR 15	IPR2015-00784	4	1	Ibaraki '882
							2/23/2015
	2	2/22/2015	IPR 15	IPR2015-00784	4	1	Yamaguchi
							Ibaraki '882
	3	2/22/2015	IPR 15	IPR2015-00784	4	1	Ibaraki '882
							4
	3	2/22/2015	IPR 15	IPR2015-00784	4	1	Yamaguchi
							Ibaraki '882
4	2/23/2015	IPR 18	IPR2015-00790	4	1	Ibaraki '882	
						Yamaguchi	
4	2/22/2015	IPR 15	IPR2015-00784	4	1	Ibaraki '882	
						5	2/22/2015

Patent No.	Ass. Claims	IPR Filing Date	IPR Name	IPR No.	IPR		Reference	
					Wave	Ground		
7,237,634	6	2/22/2015	IPR 15	IPR2015-00784	4	2	Frank '363 Ibaraki '882	
	7	2/22/2015	IPR 15	IPR2015-00784	4	2	Frank '363 Ibaraki '882	
	8	2/22/2015	IPR 15	IPR2015-00784	4	2	Frank '363 Ibaraki '882	
	9	2/22/2015	IPR 15	IPR2015-00784	4	2	Frank '363 Ibaraki '882	
	10	2/22/2015	IPR 15	IPR2015-00784	4	2	Frank '363 Ibaraki '882	
	11	2/22/2015	IPR 15	IPR2015-00784	4	2	Frank '363 Ibaraki '882	
	12	2/22/2015	IPR 15	IPR2015-00784	4	1	Ibaraki '882	
	13	2/23/2015	IPR 18	IPR2015-00790	4	2	Ibaraki '882 Masding / Bumby 198	
	14	6/5/2014	IPR 08	IPR2014-00904	2	1	Field SAE 1996 Severinksy '970	
							2	Ehsani Severinksy '970
			2/23/2015	IPR 18	IPR2015-00790	4	2	Ibaraki '882 Masding / Bumby 198
	15	2/23/2015	IPR 18	IPR2015-00790	4	2	Ibaraki '882 Masding / Bumby 198	
	16	6/5/2014	IPR 08	IPR2014-00904	2	1	Field SAE 1996 Severinksy '970	
							2	Ehsani Severinksy '970
			2/22/2015	IPR 15	IPR2015-00784	4	1	Ibaraki '882
	17	2/22/2015	IPR 15	IPR2015-00784	4	1	Ibaraki '882	
	18	6/5/2014	IPR 08	IPR2014-00904	2	1	Field SAE 1996 Severinksy '970	
							2	Ehsani Severinksy '970
	19	2/22/2015	IPR 15	IPR2015-00784	4	1	Ibaraki '882	
	23	2/22/2015	IPR 15	IPR2015-00784	4	3	Ibaraki '882 Jurgen Lateur '280	
	24	6/5/2014	IPR 08	IPR2014-00904	2	1	Field SAE 1996 Severinksy '970	
							2	Ehsani Severinksy '970
	25	2/23/2015	IPR 18	IPR2015-00790	4	3	Ibaraki '882	

Patent No.	Ass. Claims	IPR Filing Date	IPR Name	IPR No.	IPR		Reference	
					Wave	Ground		
7,237,634	25	2/23/2015	IPR 18	IPR2015-00790	4	3	Kawakatsu	
	27	2/22/2015	IPR 15	IPR2015-00784	4	1	Ibaraki '882	
	28	2/23/2015	IPR 18	IPR2015-00790	4	1	Ibaraki '882 Yamaguchi	
	29	2/23/2015	IPR 18	IPR2015-00790	4	4	Ibaraki '882 Vittone	
	30	2/22/2015	IPR 15	IPR2015-00784	4	1	Ibaraki '882	
	32	2/23/2015	IPR 18	IPR2015-00790	4	5	Ibaraki '626 Ibaraki '882	
	33		2/22/2015	IPR 13	IPR2015-00722	4	1	Ibaraki '882
				IPR 19	IPR2015-00791	4	1	Ibaraki '882
			2/23/2015	IPR 17	IPR2015-00787	4	1	Ibaraki '882
	34	2/23/2015	IPR 17	IPR2015-00787	4	1	Ibaraki '882	
	35	2/23/2015	IPR 17	IPR2015-00787	4	1	Ibaraki '882	
	36	2/22/2015	IPR 13	IPR2015-00722	4	1	Ibaraki '882	
	37	2/22/2015	IPR 19	IPR2015-00791	4	1	Ibaraki '882	
	38	2/23/2015	IPR 17	IPR2015-00787	4	1	Ibaraki '882	
	39	2/22/2015	IPR 19	IPR2015-00791	4	2	Frank '363 Ibaraki '882	
	40	2/22/2015	IPR 19	IPR2015-00791	4	2	Frank '363 Ibaraki '882	
	41	2/22/2015	IPR 19	IPR2015-00791	4	4	Ibaraki '882 Jurgen Lateur '280	
	42	2/22/2015	IPR 13	IPR2015-00722	4	4	Ibaraki '882 Masding / Bumby 198	
	43	2/22/2015	IPR 13	IPR2015-00722	4	1	Ibaraki '882	
	44	2/22/2015	IPR 13	IPR2015-00722	4	1	Ibaraki '882	
	46	2/22/2015	IPR 13	IPR2015-00722	4	1	Ibaraki '882	
	50	2/22/2015	IPR 13	IPR2015-00722	4	1	Ibaraki '882	
	51	2/22/2015	IPR 13	IPR2015-00722	4	1	Ibaraki '882	
	52	2/22/2015	IPR 13	IPR2015-00722	4	1	Ibaraki '882	
	53	2/23/2015	IPR 17	IPR2015-00787	4	2	Ibaraki '882 Vittone	
	54	2/23/2015	IPR 17	IPR2015-00787	4	3	Ibaraki '882 Yamaguchi	
	55	2/22/2015	IPR 13	IPR2015-00722	4	2	Ibaraki '626 Ibaraki '882	
	56	1/28/2015	IPR 11	IPR2015-00606	4	1	455 Paice PCT Pub. Severinsky '970	
	57	1/28/2015	IPR 11	IPR2015-00606	4	1	455 Paice PCT Pub. Severinsky '970	
58	1/28/2015	IPR 11	IPR2015-00606	4	1	455 Paice PCT Pub. Severinsky '970		
59	1/28/2015	IPR 11	IPR2015-00606	4	1	455 Paice PCT Pub. Severinsky '970		

Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.