	PAT. NO.	
1	10,597,736	Compositions and methods for detecting viruses in a sample
2	10,532,111	Recombinant adeno-associated virus capsids resistant to pre-existing human neutralizing antibodies
3	10,478,444	Methods and compositions for treating and preventing viral infections
4	10,407,429	Pyrazolo[1,5-a]triazin-4-amine derivatives useful in therapy
5	10,385,320	Recombinant adeno-associated virus capsids with enhanced human skeletal muscle tropism
6	10,344,320	Capacitive liquid crystal biosensors
7	10,316,372	Molecular detection of enterovirus and parechovirus
8	10,266,887	CRISPR effector system based diagnostics
9	10,266,886	CRISPR effector system based diagnostics
10	10,179,176	Recombinant adeno-associated virus capsids resistant to pre-existing human neutralizing antibodies
11	10,179,143	Anti-viral azide containing compounds
12	10,072,308	Molecular detection of enterovirus and parechovirus
13	9,963,455	Pyrazolo[1,5-a]pyrimidines as antiviral compounds
14	9,957,302	Treating cancer with viral nucleic acid
15	9,944,998	Genetic assays
16	9,920,128	Synthetic antiserum for rapid-turnaround therapies
17	9,909,176	Efficient deep sequencing and rapid genomic speciation of RNA viruses (vRNAseq)
18	9,890,361	Methods for increasing the infectivity of viruses utilizing alkyne-modified fatty acids
19	9,867,835	Methods and compositions for treating and preventing viral infections
20	9,855,287	Anti-viral azide containing compounds
21	9,840,731	Preservation of biological materials in non-aqueous fluid media
22	9,243,230	Construct for producing empty virus capsids
23	9,144,575	Anti-viral azide containing compounds
24	8,821,897	Viral adjuvants
25	8,753,622	Seneca valley virus based compositions and methods for treating disease

26	8,729,058	Methods and compositions for treating and preventing viral infections
27	8,663,951	Method of producing virus-like particles of picornavirus using a small-ubiquitin-related fusion protein expression system
28	8,623,416	Formulations comprising aminosterols
29	8,486,420	Live virus vaccines
30	8,231,879	Treatment of diseases caused by viral infection
31	8,207,316	HCMV-related nucleic acids and microRNA
32	8,183,025	Solenopsis invicta virus
33	8,048,630	Methods and agents for detecting Parechovirus
34	8,039,606	Seneca Valley virus based compositions and methods for treating disease
35	7,919,302	Solenopsis invicta virus
36	7,862,829	Viral adjuvants
37	7,855,277	Picornaviruses, vaccines and diagnostic kits
38	7,822,782	Application package to automatically identify some single stranded RNA viruses from characteristic residues of capsid protein or nucleotide sequences
39	7,803,765	Methods of constructing biodiverse gene fragment libraries and biological modulators isolated therefrom
40	7,803,525	Detection method for Ljungan virus
41	7,696,406	Expression of a recombinant transgene
42	7,638,318	Seneca Valley virus based compositions and methods for treating disease
43	7,560,609	Diabetic model
44	7,442,380	Treatment of diseases caused by viral infection
45	7,101,554	Picornaviruses, vaccines and diagnostic kits