

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT6562762

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
IP RESERVOIR, LLC	02/12/2021
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	EXEGY INCORPORATED
<b>Street Address:</b>	349 MARSHALL AVENUE, SUITE 100
<b>City:</b>	ST. LOUIS
<b>State/Country:</b>	MISSOURI
<b>Postal Code:</b>	63119
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17181097
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(314)667-3633
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	3145526000
<b>Email:</b>	ipdocket@thompsoncoburn.com
<b>Correspondent Name:</b>	THOMPSON COBURN LLP
<b>Address Line 1:</b>	ONE US BANK PLAZA
<b>Address Line 2:</b>	SUITE 3500
<b>Address Line 4:</b>	ST. LOUIS, MISSOURI 63101
<b>ATTORNEY DOCKET NUMBER:</b>	44826-207062
<b>NAME OF SUBMITTER:</b>	BENJAMIN L. VOLK, JR.
<b>SIGNATURE:</b>	/Benjamin L. Volk, Jr./
<b>DATE SIGNED:</b>	02/22/2021
<b>Total Attachments: 7</b>	
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**EXHIBIT B**

***PATENT***

**ASSIGNMENT**

WHEREAS, **IP Reservoir, LLC**, a limited liability company of the State of Delaware, having its principal place of business at 10425 Old Olive Street Road, Suite 201, Creve Coeur, MO 63141 (hereinafter "IPR"), owns the patents and patent applications identified on Exhibit A attached hereto and the inventions disclosed therein (hereinafter, collectively, the "Patent Rights"); and

WHEREAS, **Exegy Incorporated**, a corporation of the State of Delaware, having its principal place of business at 349 Marshall Ave., Suite 100, St. Louis, MO 63119 (hereinafter "Exegy"), is desirous of acquiring the entire right, title and interest in and to said Patent Rights.

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) to it in hand paid, and other good and valuable consideration, the receipt and adequacy of all of which are hereby acknowledged, IPR has sold, assigned and transferred and does hereby sell, assign and transfer unto Exegy, its successors or assigns, the entire right, title and interest in and to said Patent Rights and improvements as the same are disclosed in said Patent Rights (subject to any preexisting license), in and to any and all letters patent and applications filed therefor, including provisionals, non-provisionals, divisionals, continuations, reissues, reexaminations and extensions to be obtained therefor in the United States and all foreign countries, and the right to sue and collect damages for any past infringement of the Patent Rights; and it further agrees to cooperate with Exegy in the obtaining and sustaining of any and all such letters patent of the Patent Rights as the assignee may desire to apply for.

The Commissioner of Patents or other proper official is hereby authorized and requested to issue said Patent Rights to Exegy in accordance with this Assignment.

Exegy and IPR hereby authorize and request the attorneys of record in said Patent Rights to insert in this Assignment the serial number, filing date, and date of execution of any items of said Patent Rights for the purposes of recording this Assignment.

For said considerations, IPR hereby agrees, upon the request of Exegy, to execute any provisional, non-provisional, divisional, continuation, continuation-in-part or substitute application for said Patent Rights, and any oath or affidavit relating thereto, and any application for the reissue or extension of any letters patent that may be granted upon said Patent Rights, and, in the event of any application or letters patent of the Patent Rights becoming involved in an interference, to cooperate to the best of its ability in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof. IPR agrees to perform, upon request, any affirmative acts to obtain letters patent from the Patent Rights and vest in Exegy all rights therein, whereby said Patent Rights will be held and enjoyed by Exegy, to the full end of the term for which said Patent Rights may be granted as fully and entirely as the same would have been held and enjoyed by IPR if this Assignment had not been made.

And for said consideration, IPR hereby assigns to Exegy the entire right, title and interest in and to said Patent Rights for all foreign countries, including all priority rights, and agrees to execute, at the request of Exegy, all documents in connection with any application for foreign letters patent within the Patent Rights.

IN WITNESS WHEREOF, I have hereunto set my hand the 12<sup>TH</sup> day of FEB, 2021.

IPR:  
By: [Signature]  
Printed Name: BARRY A. RUDOLPH  
Title: DIRECTOR

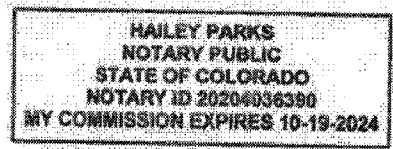
STATE OF Colorado :  
: SS  
COUNTY OF Larimer :

On this 12 day of Feb 2021 before me, a Notary Public, within and for the County of Larimer, State of Colorado, personally appeared the signer identified above, to me known to be the person described in and who executed the foregoing assignment on behalf of IPR and acknowledged that he executed same as his free act and deed.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written.

[Signature: Hailey Parks]  
Notary Public

My Commission Expires: 10-19-24





**EXHIBIT A**

Jurisdiction	Patent No.	Application No.	Title	Status	TC Reference Number
USA	N/A	60814,796	High Speed Processing of Financial Information Using FPGA Devices	Expired	57451-62269
USA	7,921,046	11,765,306	High Speed Processing of Financial Information Using FPGA Devices	Issued	57451-69254
USA	8,407,122	13,076,906	High Speed Processing of Financial Information Using FPGA Devices	Issued	57451-95688
USA	8,655,764	13,076,929	High Speed Processing of Financial Information Using FPGA Devices	Issued	57451-95689
USA	8,595,104	13,076,951	High Speed Processing of Financial Information Using FPGA Devices	Issued	57451-95686
USA	9,582,831	13,076,968	High Speed Processing of Financial Information Using FPGA Devices	Issued	57451-94010
USA	8,626,024	13,076,982	High Speed Processing of Financial Information Using FPGA Devices	Issued	57451-95685
USA	8,478,680	13,077,036	High Speed Processing of Financial Information Using FPGA Devices	Issued	57451-94011
USA	8,458,981	13,077,224	High Speed Processing of Financial Information Using FPGA Devices	Issued	57451-95687
USA	8,600,856	13,077,294	High Speed Processing of Financial Information Using FPGA Devices	Issued	57451-95684
USA	10,169,814	13,932,274	High Speed Processing of Financial Information Using FPGA Devices	Issued	57451-114050
USA	10,467,692	14,049,591	High Speed Processing of Financial Information Using FPGA Devices	Issued	57451-126700
USA	9,672,565	14,092,019	High Speed Processing of Financial Information Using FPGA Devices	Issued	57451-129729
USA	9,916,622	14,181,949	High Speed Processing of Financial Information Using FPGA Devices	Issued	57451-128190
USA	10,360,632	16,234,982	Fast Track Routing of Streaming Data Using FPGA Devices	Issued	57451-181263
USA	10,504,184	16,445,879	Fast Track Routing of Streaming Data As Between Multiple Compute Resources	Issued	57451-187957
USA	10,817,945	16,707,537	System and Method for Routing of Streaming Data As Between Multiple Compute Resources	Issued	57451-193174
USA	N/A	17,077,768	High Speed Processing of Financial Information Using FPGA Devices	Pending	57451-208963
PCT	N/A	PCT/US2008/066929	High Speed Processing of Financial Information Using FPGA Devices	Expired	57451-75662
CA	2,691,229	2,691,229	High Speed Processing of Financial Information Using FPGA Devices	Issued	57451-86882
CA	2,680,625	2,980,625	High Speed Processing of Financial Information Using FPGA Devices	Issued	57451-169889
CA	N/A	3,032,181	Method and Apparatus for High Speed Processing of Financial Information for Financial Record Management	Pending	57451-182261
EP	2,171,672	08771027.3	High Speed Processing of Financial Information Using FPGA Devices (Validated in DE, FR, and GB)	Issued	57451-86885
EP	3,070,663	16151222.3	High Speed Processing of Financial Information Using FPGA Devices (Validated in GB)	Issued	57451-152540

JP	5,444,536	2010-513345	High Speed Processing of Financial Information Using FPGA Devices	Issued	57451-86884
JP	5,814,329	2013-243925	High Speed Processing of Financial Information Using FPGA Devices	Issued	57451-128033
USA	7,640,482	11760,211	Method and System for High Speed Options Pricing	Issued	57451-64581
USA	8,643,408	12,912,354	Method and System for High Speed Options Pricing	Issued	57451-92188
PCT	N/A	PCT/US2008/065955	Method and System for High Speed Options Pricing	Expired	57451-26310
CA	2688502	2688502	Method and System for High Speed Options Pricing	Issued	57451-86247
EP	N/A	08756734.3	Method and System for High Speed Options Pricing	Abandoned	57451-86246
JP	5,492,767	2010-511331	Method and System for High Speed Options Pricing	Issued	57451-86248
USA	10,229,453	127013,302	Method and System for Low Latency Basket Calculation	Issued	57451-72554
USA	N/A	16295,054	Method and System for Low Latency Basket Calculation	Pending	57451-181799
PCT	N/A	PCT/US2009/030623	Method and System for Low Latency Basket Calculation	Expired	57451-80628
CA	2707044	2707044	Method and System for Low Latency Basket Calculation	Issued	57451-90086
EP	N/A	09700555.9	Method and System for Low Latency Basket Calculation	Abandoned	57451-90087
JP	5,586,477	2010-542380	Method and System for Low Latency Basket Calculation	Issued	57451-90089
USA	N/A	61/122,673	Method and Apparatus for High Speed Processing of Financial Market Depth Data	Expired	57451-80492
PCT	N/A	PCT/US2009/067935	Method and Apparatus for High Speed Processing of Financial Market Depth Data	Expired	57451-86878
USA	N/A	137132,408	Method and Apparatus for High Speed Processing of Financial Market Depth Data	Abandoned	57451-96839
USA	8,768,805	137154,804	Method and Apparatus for High Speed Processing of Financial Market Depth Data	Issued	57451-97231
USA	8,762,249	137154,824	Method and Apparatus for High Speed Processing of Financial Market Depth Data	Issued	57451-97232
USA	10,062,115	143115,571	Method and Apparatus for High Speed Processing of Financial Market Depth Data	Issued	57451-133596
USA	N/A	16711,530	Method and Apparatus for High Speed Processing of Financial Market Depth Data	Allowed	57451-178677
CA	2744746	2744746	Method and Apparatus for High Speed Processing of Financial Market Depth Data	Issued	57451-96836
CA	N/A	3050606	Method and Apparatus for High Speed Processing of Financial Market Depth Data	Pending	57451-192181
EP	N/A	09836816.0	Method and Apparatus for High Speed Processing of Financial Market Depth Data	Abandoned	57451-96835
JP	5,871,619	2011-540957	Method and Apparatus for High Speed Processing of Financial Market Depth Data	Issued	57451-96837
USA	N/A	61/421,545	Method and Apparatus for Managing Orders in Financial Markets	Expired	57451-94012



USA	10,057,568	13/316,332	Method and Apparatus for Managing Orders in Financial Markets	Issued	57451-109986
USA	N/A	16/044,614	Method and Apparatus for Managing Orders in Financial Markets	Pending	57451-177923
PCT	N/A	PCT/US2011/064629	Method and Apparatus for Managing Orders in Financial Markets	Pending	57451-100988
CA	2820898	2820898	Method and Apparatus for Managing Orders in Financial Markets	Issued	57451-114481
EP	N/A	11847818.5	Method and Apparatus for Managing Orders in Financial Markets	Pending	57451-114482
JP	6,045,505	2013-545394	Method and Apparatus for Managing Orders in Financial Markets	Issued	57451-114483
USA	N/A	61/570,670	Method and Apparatus for Low Latency Data Distribution	Expired	57451-93272
USA	9,047,243	13/440,118	Method and Apparatus for Low Latency Data Distribution	Issued	57451-93273
PCT	N/A	PCT/US2012/69142	Method and Apparatus for Low Latency Data Distribution	Pending	57451-108589
EP	N/A	12857182.5	Method and Apparatus for Low Latency Data Distribution	Pending	57451-133288
USA	N/A	61/616,181	Offload Processing of Data Packets Containing Financial Information	Expired	57451-102934
USA	10,124,196	13/853,098	Offload Processing of Data Packets Containing Financial Information	Issued	57451-112414
USA	N/A	61/790,254	Offload Processing of Data Packets	Pending	57451-112496
PCT	N/A	PCT/US2013/3889	Offload Processing of Data Packets	Pending	57451-112557
USA	10,650,452	14/195,462	Offload Processing of Data Packets	Issued	57451-130116
USA	N/A	14/195,510	Offload Processing of Data Packets Containing Financial Market Data	Pending	57451-130128
USA	N/A	14/195,531	Intelligent Switch for Processing Financial Market Data	Pending	57451-130129
USA	9,990,393	14/195,550	Intelligent Feed Switch	Issued	57451-130130
USA	10,872,078	15/994,262	Intelligent Feed Switch	Issued	57451-176027
USA	N/A	16/180,377	Offload Processing of Data Packets Containing Financial Market Data	Allowed	57451-180376
EP	N/A	13767579.9	Offload Processing of Data Packets	Abandoned	57451-136287