

Item No.	AQH Ref.	AQH Fam.	LVM Ref.	Assignee	Country Code	Title	Application Serial No. (Pub. or Reg. No.)	Filing Date (Pub. or Issue Date)	Inventors	Status	Fam. Expense	PTY Acquisition	Valuation Method
<u>Patents</u>													
1	35252298	#REF!	336870: 48-19A US	AQUAHYDREX PTY LTD	US	Multi-Layer Water-Splitting Devices	15/468770 US2017/0200561A	3/24/2017 7/13/2017	SWIEGERS, Gerhard OFFICER, David WALLACE, George	ISSUED	\$ 50,111.10	\$ 1,958,481.85	Market Basis PTY Acquisition
2	35247101	#REF!	336874: 49-19 US	AQUAHYDREX PTY LTD	US	Catalysts And Methods Of Use	14/006537 US2014/0034510A	10/29/2013 2/6/2014	MACFARLANE, Douglas WINTHER-JENSEN, Bjorn	ISSUED	\$ 2,150.00		
3	35228381	#REF!	336877: 52-19 US	AQUAHYDREX PTY LTD	US	Breathable Electrode And Method For Use In Water Splitting	14/406797 US2015/0167185A	3/2/2015 6/18/2015	WINTHER-JENSEN, Bjorn MACFARLANE, Douglas	ISSUED	\$ 36,343.43		
4	35517581		336878: 52-19A US	AQUAHYDREX PTY LTD	US	Breathable Electrode Structure And Method For Use In Water Splitting	16/146353 US2019/0093244A	9/28/2018 3/28/2019	WINTHER-JENSEN, Bjorn MACFARLANE, Douglas	ISSUED	\$ 22,033.65		
5	35228419	#REF!	336887: 55-19 US	AQUAHYDREX PTY LTD	US	Gas Permeable Electrode And Method Of Manufacture	14/407014 US2015/0129431A	6/11/2013 5/14/2015	WINTHER-JENSEN, Bjorn MACFARLANE, Douglas	ISSUED	\$ 32,780.91		
6	35244266	#REF!	336890: 56-19 US	AQUAHYDREX PTY LTD	US	Composite Three-Dimensional Electrodes And Methods Of Fabrication	14/908258 US2016/0211527A	7/30/2014 7/21/2016	SWIEGERS, Gerhard NATTESTAD, Andrew	ISSUED	\$ 12,528.65		
7	35244294	#REF!	336894: 57-19 US	AQUAHYDREX PTY LTD	US	Electro-Synthetic Or Electro-Energy Cell With Gas Diffusion Electrode(S)	14/908444 US2016/0168732A	1/28/2016 6/16/2016	SWIEGERS, Gerhard SYMONS, Peter	ISSUED	\$ 20,272.00		Cost Basis
8	35244307	#REF!	336895: 58-19 US	AQUAHYDREX INC.	US	Modular Electrochemical Cells	14/908352 US2016/0211528A	7/30/2014 7/21/2016	SWIEGERS, Gerhard BEIRNE, Stephen CHEN, Jun WANG,	ISSUED	\$ 34,017.00		
9	35275222		336896: 58-19A US	AQUAHYDREX INC.	US	Modular Electrochemical Cells	15/850279 US-2018-0138517-A1	12/21/2017 5/17/2018	SWIEGERS, Gerhard BEIRNE, Stephen CHEN, Jun WANG,	ISSUED			Cost Basis
10	35244318	#REF!	336898: 59-19 US	AQUAHYDREX INC.	US	Method And Electrochemical Cell For Managing Electrochemical Reactions	14/908334 US-2016-0164120-A1	1/28/2016 6/9/2016	SWIEGERS, Gerhard NATTESTAD, Andrew	ISSUED			
11	35521554		336899: 59-19A US	AQUAHYDREX INC.	US	Method And Electrochemical Cell For Managing Electrochemical Reactions	16/259632 US-2019-0157685-A1	1/28/2019 5/23/2019	SWIEGERS, Gerhard NATTESTAD, Andrew	ISSUED		\$ 183,940.81	Cost Basis
12	---	F35	338547: 109-18 US	AQUAHYDREX INC.	US	Electrochemical System With Confined Electrolyte	17/060320 US-2021-0020975-A1	10/1/2020 1/21/2021	SEYMOUR, Eric KUMOR, Gregory HERRERA, Erik	ISSUED			
13	---		338775: 109-18A US	AQUAHYDREX INC.	US	Electrochemical System With Confined Electrolyte	17/228271 US2021/0336284A	4/12/2021 10/28/2021	SEYMOUR, Eric KUMOR, Gregory HERRERA, Erik	ISSUED			
14	---		339572: 109-18B US	AQUAHYDREX INC.	US	Electrochemical System With Confined Electrolyte	18/313,232	5/5/2023	SEYMOUR, Eric KUMOR, Gregory HERRERA, Erik	PENDING			
15	---		338861: 109-18 AU	AQUAHYDREX INC.	AU	Electrochemical System With Confined Electrolyte	2020216203	1/31/2020	SEYMOUR, Eric KUMOR, Gregory HERRERA, Erik	PENDING			
16	---		338862: 109-18 CA	AQUAHYDREX INC.	CA	Electrochemical System With Confined Electrolyte	3127358	1/31/2020	SEYMOUR, Eric KUMOR, Gregory HERRERA, Erik	PENDING			
17	---		338863: 109-18 CN	AQUAHYDREX INC.	CN	Electrochemical System With Confined Electrolyte	202080024266.3 113677829	1/31/2020 11/19/2021	SEYMOUR, Eric KUMOR, Gregory HERRERA, Erik	PENDING			
18	---		338864: 109-18 EP	AQUAHYDREX INC.	EP	Electrochemical System With Confined Electrolyte	20747688.8 3918112	1/31/2020 12/8/2021	SEYMOUR, Eric KUMOR, Gregory HERRERA, Erik	PENDING			
19	---		338865: 109-18 IN	AQUAHYDREX INC.	IN	Electrochemical System With Confined Electrolyte	2.02117E+11	1/31/2020	SEYMOUR, Eric KUMOR, Gregory HERRERA, Erik	PENDING			
20	---		338866: 109-18 JP	AQUAHYDREX INC.	JP	Electrochemical System With Confined Electrolyte	2021-544814 2022-519575	1/31/2020 3/24/2022	SEYMOUR, Eric KUMOR, Gregory HERRERA, Erik	PENDING			
21	---		338867: 109-18 KR	AQUAHYDREX INC.	KR	Electrochemical System With Confined Electrolyte	10-2021-7026354	1/31/2020	SEYMOUR, Eric KUMOR, Gregory HERRERA, Erik	PENDING			
22	---		338868: 109-18 SA	AQUAHYDREX INC.	SA	Electrochemical System With Confined Electrolyte	521422664	1/31/2020	SEYMOUR, Eric KUMOR, Gregory HERRERA, Erik	PENDING			
23	---		338869: 109-18 PCT-US	AQUAHYDREX INC.	PCT-US	Electrochemical System With Confined Electrolyte	17/426726 US2022/0145479A	7/29/2021 5/12/2022	SEYMOUR, Eric KUMOR, Gregory HERRERA, Erik	PENDING (Response)			
24	---	---	338216: 156-19P US	AQUAHYDREX INC.	US	LOW RESISTANCE ELECTRODE, CELL, AND STACK ARCHITECTURES	---	---	MCHARDY, Lang	ON HOLD	\$ -		
25	---	---	339695: 63-23P US	AQUAHYDREX INC.	US	STABLE ELECTRODE MATERIALS FOR ELECTROLYZER AND METHODS OF MAKING THE SAME	---	---	BUKOLA, Saheed	IN PREP - NOT YET	\$ -		
<u>Trademarks</u>													
25	---	---	337384		EM	Aquahydrex	14978548	5/9/2016	---	REGISTE RED	\$ 82,825.47		Market Based PTY Acquisition
26	---	---	337386		EM	Breathable Electrode	14978597	4/26/2016	---	REGISTE RED			
27	---	---	337848		GB	Aquahydrex	UK009014978548	5/9/2016	---	REGISTE RED			
28	---	---	337849		GB	Breathable Electrode	UK009014978597	4/26/2016	---	REGISTE RED			
29	---	---	339513: 17-22T US		US	Aquahydrex	97759029	1/18/2023	---	PENDING Foreign			
30	---	---	339573: 8-23T US		US		97833763	3/10/2023	---	PENDING Foreign			