

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT3300964

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT	
NATURE OF CONVEYANCE:	Corrective Assignment to correct the SCHEDULE A, LINE 221 previously recorded on Reel 034193 Frame 0175. Assignor(s) hereby confirms the CORRECT APPLICATION NUMBER.	
CONVEYING PARTY DATA		
Name		Execution Date
LS9, INC.		09/30/2014
RECEIVING PARTY DATA		
Name:	REG LIFE SCIENCES, LLC	
Street Address:	416 SOUTH BELL AVENUE	
City:	AMES	
State/Country:	IOWA	
Postal Code:	50010	
PROPERTY NUMBERS Total: 114		
Property Type	Number	
Application Number:	12278960	
Application Number:	12278961	
Application Number:	12278962	
Application Number:	12278964	
Application Number:	12526209	
Application Number:	12543412	
Application Number:	12545001	
Application Number:	12575427	
Application Number:	12575430	
Application Number:	12645497	
Application Number:	12673752	
Application Number:	12710237	
Application Number:	12710238	
Application Number:	12758000	
Application Number:	12768419	
Application Number:	12889066	
Application Number:	13026871	
Application Number:	13099986	
Application Number:	13104819	

PATENT

Property Type	Number
Application Number:	13232927
Application Number:	13233489
Application Number:	13444579
Application Number:	13452449
Application Number:	13529990
Application Number:	13552522
Application Number:	13625107
Application Number:	13647185
Application Number:	13870426
Application Number:	14007829
Application Number:	14007857
Application Number:	14061512
Application Number:	14068542
Application Number:	14179944
Application Number:	14236883
Application Number:	14344658
Application Number:	14390350
Application Number:	14390378
Application Number:	14394070
Application Number:	14463635
Application Number:	60772682
Application Number:	60801995
Application Number:	60802016
Application Number:	60894907
Application Number:	60908547
Application Number:	60913449
Application Number:	60931370
Application Number:	60931939
Application Number:	60948406
Application Number:	60951944
Application Number:	60974810
Application Number:	60975798
Application Number:	61016183
Application Number:	61051886
Application Number:	61053955
Application Number:	61054429
Application Number:	61089806
Application Number:	61092378

Property Type	Number
Application Number:	61103447
Application Number:	61109131
Application Number:	61140600
Application Number:	61168293
Application Number:	61173016
Application Number:	61182564
Application Number:	61226749
Application Number:	61227025
Application Number:	61245943
Application Number:	61261755
Application Number:	61262544
Application Number:	61294846
Application Number:	61294847
Application Number:	61302561
Application Number:	61302562
Application Number:	61304448
Application Number:	61321877
Application Number:	61321878
Application Number:	61324310
Application Number:	61383086
Application Number:	61436542
Application Number:	61469425
Application Number:	61470989
Application Number:	61474661
Application Number:	61514861
Application Number:	61619309
Application Number:	61619324
Application Number:	61623711
Application Number:	61701191
Application Number:	61708424
Application Number:	61736428
Application Number:	61753273
Application Number:	61835464
Application Number:	61867473
Application Number:	61877418
Application Number:	61892242
Application Number:	61911184
Application Number:	61978176

Property Type	Number
Application Number:	62012970
Application Number:	62026573
PCT Number:	US0877996
PCT Number:	US1451757
PCT Number:	US0959904
PCT Number:	US0959903
PCT Number:	US0969356
PCT Number:	US1030655
PCT Number:	US1032580
PCT Number:	US0944409
PCT Number:	US1135979
PCT Number:	US1030656
PCT Number:	US1050024
PCT Number:	US1421776
PCT Number:	US1332564
PCT Number:	US1374427
PCT Number:	US1411859
PCT Number:	US1442594
PCT Number:	US0944403

CORRESPONDENCE DATA

Fax Number: (650)636-9656

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.

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Address Line 4: SOUTH SAN FRANCISCO, CALIFORNIA 94066

ATTORNEY DOCKET NUMBER:	LS9 TO REGLS
NAME OF SUBMITTER:	BRIGITTE A. HAJOS
SIGNATURE:	/Brigitte A. Hajos/
DATE SIGNED:	04/07/2015

Total Attachments: 16

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AMENDMENT TO PATENT ASSIGNMENT

THIS AMENDMENT (this "Amendment"), effective as of August 22, 2014 ("Amendment Date"), is by and between LS9, Inc. ("Assignor"), a Delaware corporation, and REG Life Sciences, LLC, an Iowa limited liability company ("Assignee"). All defined terms not otherwise defined herein shall have the meanings ascribed to such terms in that certain Patent Assignment ("Assignment") dated as of January 22, 2014, by and between Assignor and Assignee.

WHEREAS Assignor and Assignee executed the Assignment pursuant to that certain Asset Purchase Agreement, dated as of January 18, 2014, by and between Assignor, Assignee and Renewable Energy Group, Inc., a Delaware corporation and Fortis Advisors LLC, a Delaware limited liability company, solely in its capacity as the representative of Assignor and the Indemnity Securityholders (the "Asset Purchase Agreement");

WHEREAS the transaction contemplated by the Asset Purchase Agreement was consummated on January 22, 2014 ("Closing Date");

WHEREAS the Assignment was intended to transfer all right, title and interest in and to all of Assignor's patent portfolio to Assignee;

WHEREAS the list of Assigned Patents omitted certain patents of Assignor and contained other errors;

WHEREAS the list of Assignment Patents included certain patent applications that were issued, converted or entered the national phase post-closing; and

WHEREAS the parties wish to modify the Assignment to include the omitted patents and patents and applications that were issued, converted or entered the national phase post-closing and to correct the errors,

NOW THEREFORE, for and in consideration of the mutual promises and covenants contained herein and in the Asset Purchase Agreement, and intending to be legally bound hereby, the parties agree as follows:

1. Paragraph 1 of the Assignment is hereby amended to recite as follows:

Assigned Patents. The term "Assigned Patents" means the issued patents and patent applications owned by Assignor and set forth on Schedule A attached hereto, as well as any other patents or applications owned by or obligated to be assigned to Assignor as of January 22, 2014, and any subsequently filed patents and applications, the inventors of which had an obligation to assign to Assignor as of January 22, 2014.

2. Schedule A of the Assignment is hereby amended to recite as follows:

SCHEDULE A
ASSIGNED PATENTS

	Country	Application Date	Appln/Publication No.	Patent No.	Issue Date
1.	WO	13 FEB 2007	WO08/100251		
2.	US	13 FEB 2006	60/772,682		
3.	US	06 DEC 2010	12/526,209	8,535,916	17 SEP 2013
4.	AU	18 MAY 2007	2014200805		
5.	BR	18 MAY 2007	PI 0712205-5		
6.	CA	18 MAY 2007	2,650,773	2,650,773	
7.	CN	18 MAY 2007	CN101490241		
8.	EP	01 JUL 2011	EP 2,395,074		
9.	EP	09 DEC 2008	EP 2,024,491		
10.	EP	09 OCT 2009	EP 2,157,170	EP 2,157,170	15 JAN 2014
11.	FR	09 OCT 2009	09013640.9	2,157,170	15 JAN 2014
12.	DE	09 OCT 2009	09013640.9	DE 60 2007 034 853.6	15 JAN 2014
13.	IN	31 JAN 2014	734/DELNP/2014		
14.	IN	18 MAY 2007	9659/DELNP/2008		
15.	JP	18 MAY 2007	JP2010505388T2		
16.	JP	04 JUN 2014	2014-115874		

	Country	Application Date	Appln/Publication No.	Patent No.	Issue Date
17.	MX	17 FEB 2014	MX/a/2014/1863		
18.	MX	14 FEB 2009	MX8014603A		
19.	WO	29 NOV 2007	WO07/136762		
20.	UK	09 OCT 2009	09013640.9	2,157,170	15 JAN 2014
21.	US	25 APR 2013	US2013-0245339		
22.	US	19 MAY 2006	60/802,016		
23.	US	19 MAY 2006	60/801,995		
24.	US	08 AUG 2008	US2010-0242345		
25.	AU	12 AUG 2009	2008230735		
26.	BR	25 SEP 2009	PI809345-8		
27.	CA	19 AUG 2009	2,678,915		
28.	CN	22 SEP 2009	101680009		
29.	EP	28 MAR 2008	EP 2,594,633		
30.	EP	07 OCT 2009	EP 2,129,785		
31.	IN	28 MAR 2008	6112/DELNP/2009		
32.	JP	28 SEP 2010	2010-501269		
33.	MX	02 SEP 2009	MX9009371	306812	17 JAN 2013
34.	WO	28 MAR 2008	WO08/119082		
35.	US	28 MAR 2008	60/908,547		
36.	US	21 JUN 2013	US2012-0264983		
37.	US	03 MAY 2011	US2011-0256599	8,283,143	09 OCT 2012
38.	US	08 AUG 2008	US2010-0251601	8,110,670	07 FEB 2012

	Country	Application Date	Appln/Publication No.	Patent No.	Issue Date
39.	WO	14 MAR 2008	WO08/113041		
40.	US	14 MAR 2007	60/894,907		
41.	US	08 AUG 2008	US2010-0170826	8,110,093	07 FEB 2012
42.	US	23 APR 2007	60/913,449		
43.	AU	12 AUG 2009	2008256921		
44.	BR	28 OCT 2009	PI0813359-0		
45.	CA	21 AUG 2009	2,679,085		
46.	CN	20 MAY 2008	200880014194.3	ZL2008814194 .3	11 DEC 2013
47.	EP	18 DEC 2009	EP 2,160,460		
48.	IN	20 MAY 2008	5809/DELNP/2009		
49.	JP	24 NOV 2009	2010-509505		
50.	KR	15 DEC 2009	KR10-2010-0022984		
51.	MX	02 SEP 2009	MX9009383	306112	13 EC 2012
52.	WO	20 MAY 2008	WO08/147781		
53.	US	22 MAY 2007	60/931,370		
54.	US	25 MAY 2007	60/931,939		
55.	US	25 JUL 2007	60/951,944		
56.	US	24 SEP 2007	60/974,810		
57.	US	08 AUG 2008	US2010-0235934		
58.	WO	02 JUL 2008	WO09/009391		
59.	US	06 JUL 2007	60/948,406		

	Country	Application Date	Appln/Publication No.	Patent No.	Issue Date
60.	US	19 MAY 2008	61/054,429		
61.	AU	22 DEC 2009	2008304180	2008304180	12 JUN 2014
62.	CA	26 SEP 2008	2,692,266		
63.	CN	26 SEP 2008	200880106604.7		
64.	IN	12 JAN 2010	31/2010-21881		
65.	WO	26 SEP 2008	WO2009/042950US		
66.	US	27 SEP 2007	60/975,798		
67.	US	26 SEP 2008	US2009-0084025	8,313,934	20 NOV 2012
68.	WO	22 DEC 2008	WO2009/085278		
69.	US	31 OCT 2013	14/068,542		
70.	US	21 DEC 2007	61/016,183		
71.	US	09 MAY 2008	61/051,886		
72.	US	27 AUG 2008	61/092,378		
73.	US	20 APR 2012	13/452,449	8,597,922	03 DEC 2013
74.	US	14 APR 2011	12/673,752	8,183,028	22 MAY 2012
75.	BR	12 NOV 2010	PI 0912684-8		
76.	CA	18 MAY 2009	2,722,441		
77.	CN	18 MAY 2009	CN102027108		
78.	EP	18 MAY 2009	EP 2,288,694		
79.	IN	28 OCT 2010	36/2011-15738		
80.	KR	18 MAY 2009	10-2010-7028136		
81.	MX	18 MAY 2009	MX/a/2010012192		

	Country	Application Date	Appln/Publication No.	Patent No.	Issue Date
82.	WO	18 MAY 2009	WO2009/140695		
83.	US	16 MAY 2008	61/053,955		
84.	US	24 SEP 2012	US2013-0029395		
85.	US	22-FEB-2010	US2010-0249470	8,323,924	04-DEC-2012
86.	US	18-AUG-2008	61/089,806		
87.	US	17-AUG-2009	US2010-0071259		
88.	BR	07-APR-2011	P10920650-7		
89.	CA	29-MAR-2011	2,738,938		
90.	CN	01-JUN-2011	102232110		
91.	EP	06-MAY-2011	EP 2,352,824		
92.	IN	06-MAY-2011	13/2012		
93.	KR	06-MAY-2011	10-2011-0066973		
94.	MX	04-APR-2011	MX/a/2011/003597	300411	12-JUN-2012
95.	WO	07-OCT-2009	WO2010-042664		
96.	US	07-OCT-2009	US2010-0105955	8,097,439	17-JAN-2012
97.	US	07-OCT-2008	61/103,447		
98.	BR	28-APR-2011	P10920010-0		
100.	CA	30-MAY-2011	2,740,037		
101.	CN	24-JUN-2011	102264910		
102.	EP	07-MAY-2014	14 167 362.4		
103.	EP	26-MAY-2011	EP 2,367,947	2,367,947	16-JUL-2014
104.	FR	26-MAY-2011	2,367,947	2,367,947	16-JUL-2013

	Country	Application Date	Appln/Publication No.	Patent No.	Issue Date
105.	DE	26-MAY-2011	2,367,947	2,367,947	16-JUL-2014
106.	IN	24-MAY-2011	14/2012		
107.	IT	26-MAY-2011	2,367,947	2,367,947	16-JUL-2014
108.	KR	27-MAY-2011	10-2011-7012116		
109.	MY	14-APR-2011	PI 2011001661		
110.	MX	20-APR-2011	MX/a/2011/004286	314489	23-OCT-2013
111.	WO	07-OCT-2009	WO2010/062480		
112.	PH	25-APR-2011	1-2011-500795		
113.	ES	26-MAY-2011	2,367,947	2,367,947	16-JUL-2014
114.	UK	26-MAY-2011	2,367,947	2,367,947	16-JUL-2014
115.	US	08-OCT-2012	US2013-0115665		
116.	US	07-OCT-2009	US2010-0105963		
117.	US	28-OCT-2008	61/109,131		
118.	BR	22-JUN-2011	P10923572-8		
119.	CA	16-JUN-2011	2,367,947		
120.	CN	23-AUG-2011	CN102325864		
121.	EP	25-JUL-2011	EP 2,382,285		
122.	IN	20-JUL-2011	48/2012		
123.	ID	22-JUN-2011	2012/00204		
124.	MX	22-JUN-2011	MX/z/2011/006785		
125.	WO	23-DEC-2009	WO2010-75483		
126.	PH	22-JUN-2011	1-2011-501290		

	Country	Application Date	Appln/Publication No.	Patent No.	Issue Date
127.	US	23-DEC-2008	61/140,600		
128.	US	23-DEC-2009	US2010-0154293		
129.	BR	05-OCT-2011	PI101495-0		
130.	CA	09-DEC-2011	2,758,298		
131.	EP	10-NOV-2011	EP 2,417,244		
132.	WO	10-APR-2010	WO2010/118409		
133.	US	11-APR-2010	US2010-0257777		
134.	US	10-APR-2009	61/168,293		
135.	US	20-JUL-2009	61/226,749		
136.	US	20-JUL-2009	61/227,025		
137.	US	19-NOV-2009	61/262,544		
138.	BR	26-OCT-2011	PI1015313-6		
139.	CA	19-OCT-2011	2,759,273		
140.	CN	21-DEC-2011	102459622		
141.	EP	28-NOV-2011	2425007		
142.	IN	25-NOV-2011	9257/DELNP/2011		
143.	WO	27-APR-2001	WO2010/126891		
144.	US	27-APR-2010	US2010-0274033		
145.	US	27-APR-2009	61/173,016		
146.	US	29-MAY-2009	61/182,564		
147.	BR	12-NOV-2010	PI0912690-2		
148.	CA	18-MAY-2009	2,722,442		

	Country	Application Date	Appln/Publication No.	Patent No.	Issue Date
149.	CN	18-MAY-2009	CN102027109		
150.	EP	18-MAY-2009	EP 2,283,121		
151.	IN	28-OCT-2010	36/2011-15739		
152.	KR	18-MAY-2009	10-2010-7028190		
153.	MX	08-NOV-2010	MX/a/2010/012197		
154.	WO	18-MAY-2009	WO2009/140696		
155.	US	23-OCT-2013	14/061,512		
156.	US	18-JUL-2012	US2012-0282663	8,658,404	25-FEB-2014
157.	US	22-FEB-2010	US2010-0221798	8,268,599	18-SEP-2012
158.	US	20-AUG-2009	US2011-0146142		
159.	US	25-SEP-2009	61/245,943		
160.	US	17-NOV-2009	61/261,755		
161.	CA	10-MAY-2011	2,823,928		
162.	EP	14-AUG-2013	EP 2,663,636		
163.	WO	10-MAY-2011	WO2012/035979		
164.	US	14-JAN -2010	61/294,846		
165.	US	09-FEB-2010	61/302,561		
166.	US	10-MAY-2011	US2011-0244532	8,530,221	10-SEP-2013
167.	US	14-JAN-2010	61/294,847		
168.	US	14-JAN-2010	61/302,562		
169.	US	14-FEB-2010	61/304,448		
170.	US	15-APR-2010	61/324,310		

	Country	Application Date	Appln/Publication No.	Patent No.	Issue Date
171.	US	14-FEB-2011	US2011-0206630		
172.	US	15-SEP-2010	61/383,086		
173.	US	15-SEP-2011	US2012-0157717		
174.	US	08-APR-2010	61/321,877		
175.	US	08-APR-2010	61/321,878		
176.	BR	07-OCT-2011	PI1014472-2		
177.	CA	09-DEC-2011	2,758,301		
178.	CN	02-DEC-2011	102459569		
179.	EP	10-NOV-2011	EP 2,417,246		
180.	IN	10-OCT-2011	7769/DELNP/2011		
181.	WO	10-APR-2010	WO2010/118410		
182.	BR	23-MAR-2012	BR112012006681 1		
183.	CA	21-MAR-2012	2,774,975		
184.	CN	25-MAY-2012	102656273		
185.	EP	18-APR-2012	EP 2,480,680		
186.	IN	23-MAR-2012	2571/DELNP/2012		
187.	ID	26-MAR-2012	2013/03077		
188.	MX	22-MAR-2012	MX/a/2012/003472		
189.	WO	23-SEP-2010	WO2011/038132		
190.	US	23-SEP-2010	US2011-0072714		
191.	US	13-FEB-2014	14/179,944		
192.	US	26-JAN-2011	61/436,542		

	Country	Application Date	Appln/Publication No.	Patent No.	Issue Date
193.	BR	13-MAR-2014	BR 11 2014 005938.1		
194.	CA	10-MAR-2014	2,848,253		
195.	CN	05-MAY-2014	103906845		
196.	EP	20-MAR-2014	EP 2,756,090		
197.	IN	11-MAR-2014	1856/DELNP/2014		
198.	ID	20-MAR-2014	P00201401630		
199.	JP	13-MAR-2014	2014-530656		
200.	MY	26-FEB-2014	I140300156MY		
201.	WO	08-MAR-2012	WO2013/039563		
202.	US	13-MAR-2014	14/344,658		
203.	US	14-SEP-2011	US2012-0070868	8,372,610	12-FEB-2013
204.	WO	02-APR-2012	WO2012/154329		
205.	US	26-SEP-2013	US2014-0179940		
206.	US	01-APR-2011	61/470,989		
207.	WO	30-MAR-2013	WO2012/135760		
208.	US	28-FEB-2014	US2014-0215904		
209.	US	30-MAR-2011	61/469,425		
210.	BR	17-AUG-2012	BR 112014002624-6		
211.	CN	02-APR-2014	103842502		
212.	EP	17-AUG-2012	2,739,726		
213.	IN	08-MAR-2014	1611/DELNP/2014		
214.	ID	05-FE2014	P00201400661		

	Country	Application Date	Appln/Publication No.	Patent No.	Issue Date
215.	JP	03-FEB-2014	2014-523993		
216.	WO	27-JUL-2012	WO2013/019647		
217.	US	03-AUG-2011	61/514,861		
218.	US	03-FEB-2014	14/236,883		
219.	US	12-APR-2011	61/474,661		
220.	US	17-OCT-2013	2013-0274529		
221.	WO	02-APR-2013	WO2013/152052		
222.	US	02-APR-2012	61/619,309		
223.	WO	07-MAR-2014	PCT/US14/21776		
224.	WO	12-MAR-2013	WO2013/154721		
225.	US	13-APR-2012	61/623,711		
226.	WO	02-APR-2013	WO2013/152051		
227.	US	02-APR-2012	61/619,324		
228.	US	14-SEP-2012	61/701,191		
229.	US	01-OCT-2012	61/708,424		
230.	WO	15-MAR-2013	WO2014/042693		
231.	WO	11-DEC-2013	WO2014/093505		
232.	US	12-DEC-2012	61/736,428		
233.	WO	16-JAN-2014	WO2014/113571		
234.	US	16-JAN-2013	61/753,273		
235.	WO	16-JUN-2014	PCT/US2014/42594		
236.	US	14-JUN-2013	61/835,464		

	Country	Application Date	Appln/Publication No.	Patent No.	Issue Date
215.	JP	03-FEB-2014	2014-523993		
216.	WO	27-JUL-2012	WO2013/019647		
217.	US	03-AUG-2011	61/514,861		
218.	US	03-FEB-2014	14/236,883		
219.	US	12-APR-2011	61/474,661		
220.	US	17-OCT-2013	2013-0274529		
221.	WO	02-APR-2013	WO2013/01052- 159052	PW	
222.	US	02-APR-2012	61/619,309		
223.	WO	07-MAR-2014	PCT/US14/21776		
224.	WO	12-MAR-2013	WO2013/154721		
225.	US	13-APR-2012	61/623,711		
226.	WO	02-APR-2013	WO2013/152051		
227.	US	02-APR-2012	61/619,324		
228.	US	14-SEP-2012	61/701,191		
229.	US	01-OCT-2012	61/708,424		
230.	WO	15-MAR-2013	WO2014/042693		
231.	WO	11-DEC-2013	WO2014/093505		
232.	US	12-DEC-2012	61/736,428		
233.	WO	16-JAN-2014	WO2014/113571		
234.	US	16-JAN-2013	61/753,273		
235.	WO	16-JUN-2014	PCT/US2014/42594		
236.	US	14-JUN-2013	61/835,464		

	Country	Application Date	Appln/Publication No.	Patent No.	Issue Date
237.	WO	19-AUG-2014	PCT/US14/51757		
238.	US	19-AUG-2014	14/463,635		
239.	US	19-AUG-2013	61/867,473		
240.	US	13-SEP-2013	61/877,418		
241.	US	17-OCT-2013	61/892,242		
242.	US	03-DEC-2013	61/911,184		
243.	US	05-DEC-2013	61/912,184		
244.	US	18-JUL-2014	62/026,573		
245.	US	10-APR-2014	61/978,176		
246.	US	16-JUN-2014	62/012,970		

[The remainder of this page is intentionally left blank]

IN WITNESS WHEREOF, Assignor and Assignee have caused this Amendment to be effective as of the date first written above and executed by their respective duly authorized officers below.

Executed this 30 day of September, 2014.

ASSIGNOR: **LS9, Inc., a Delaware corporation**

By: [Signature]

Printed Name: Stephen B. del Cardayre

Title: Vice President Research & Development

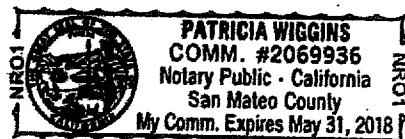
State of California)
) ss
County of San Mateo)

On this 30th day of September, 2014, before me Patricia Wiggins (a notary public in and for said county and state), personally appeared _____, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity and that, by his/her signature on the instrument, LS9, INC. executed the instrument.

WITNESS my hand and official seal.

Signature [Signature]

My Commission Expires 31 May 2018



Executed this 7th day of November, 2014.

ASSIGNEE: **REG Life Sciences, LLC an Iowa
limited liability company**

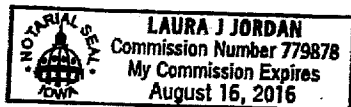
By: [Signature]

Printed Name: Jonathan Schwebach

Title: Treasurer

State of Iowa)
) ss
County of Story)

On this 7th day of November, 2014, before me Laura J. Jordan (a notary public in and for said county and state), personally appeared Jonathan Schwebach, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/~~she~~ executed the same in his/~~her~~ authorized capacity and that, by his/~~her~~ signature on the instrument, REG LIFE SCIENCES, LLC executed the instrument.



WITNESS my hand and official seal.

Signature [Signature]

My Commission Expires 8-16-2016