

The UCLS Newsletter



Volume 4 Issue 23

October 2017

Where is it?



The State of Utah is uniquely diverse and provides an abundance of recreational and education

opportunities. The geology of Utah offers an excellent environment for scientists to prepare for hypothetical manned mission to Mars or other distant planets.

Do you recognize where this study center is located? Be the first to respond and you become eligible for free lunch at your next UCLS Chapter meeting

Answers may be emailed to Susan at srmerrill@ucls.org. The earliest date and time of response will determine the winner.

In this issue: We read of Massachusetts property being conveyed to God, by a deed written on stone. We also have the latest information on the upcoming Fall Forum and Spring Convention activities.

Do you know what UCLS is doing? The latest UCLS Board minutes are included for your review and information. Please contact a Board Officer or Committee Chair if you have questions, need information or wish to share an idea

The newsletter would be incomplete without entertainment. Therefore, we are publishing Halloween Treats and another Dastardly Deed to accommodate your humorous needs.

We invite you to share charismatic photos of yourself and/or a coworker, panoramic images of Utah's scenic wonders, or pictures of survey related tools and equipment. Additionally, we need interesting and unique descriptions or survey related stories to share with our membership. Remember, if you do not participate you have no right to complain. Please let us know your thoughts, recommendations, suggestions, or complaints.

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INDEX TO PAGES:

Page 2.....Officers &
Committees
Page 3.....God's Deed
Page 4.....Surveyor Techni-
cian Training
Page 5.....Halloween Treats
Page 6-9...Board Minutes
Page 10.....Dastardly Deed
Page 11..... Western Regional
Conference

**"If a man does not keep pace
with his companions, perhaps
it is because he hears a different
drummer. Let him step to the
music he hears, however mea-
sured or far away."
- Henry David Thoreau**

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Contributions are encouraged. Articles, Advertisements, Pictures, and Comments may be submitted to UCLS at ucls@ucls.org or uclsforesights@ucls.org

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Deed Rock

Worcester, Massachusetts

This boulder with a 200-word legal dedication to God has remained hidden in the woods for over 150 years.



Take a walk in the woods on Rattlesnake Hill, and you may find yourself stumbling across a massive rock with a hefty chunk of legal reading material carved onto its flat surface.

In 1840, a man named Solomon Parsons Junior, the religious grandson of a reverend, bought a 10-acre plot of land. He paid \$125 for the wooded lot, located in the hill of Worcester, Massachusetts. Instead of constructing a home on the property, he concocted grand plans to build a temple atop it and dedicated the land to God.

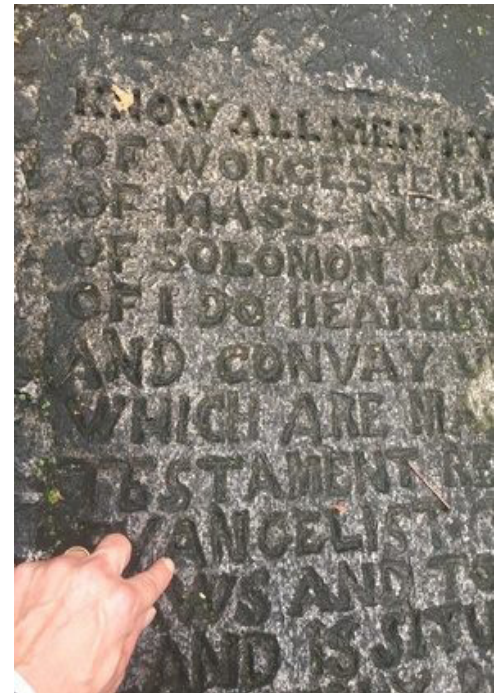
Though still symbolic, he cemented his decision with a legal dedication rather than a solely spiritual one. He had a 200-word deed etched into a large boulder, where he stated that in exchange for the money he had paid William Hall,

the previous owner of the land, the property now legitimately belonged to God through “The laws of Jesus Christ.”

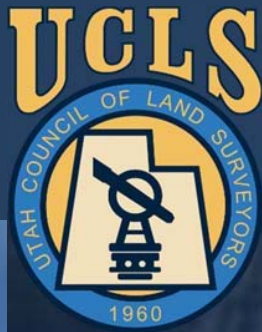
Parsons was a Millerite, a member of a group of people who believed the world would catastrophically end in 1844. He planned to use the 10 acres as a refuge to help survive the end of time, and became a pacifist and vegetarian (who even refused to use items like leather and horse hair) in preparation for the Second Coming.

Parsons died at the age of 93. Houses and apartments now surround the hill, and the rugged temple he built has since crumbled and decayed. But Deed Rock and God’s 10 Acres, the nearby woods, remain. Though now well over 100 years old, the inscription on the boulder is still legible.

The transcript of Deed Rock is as follows, complete with errors:



“KNOW ALL MEN BY THESE PRESENTS THAT I WILLIAM G HALL OF WORCESTER IN THE OUNTY OF WORCESTER AND COMMONWELTH OF MASS IN CONSIDERATION OF 125 DOL PAID BY THE HAND OF SOLOMON PARSONS OF THE SAME WORCESTER THE RECEIPT WHERE OF I DO HEARBY ACKNOWLEDGE DO HEAREBY GIVE GRANT SELL AND CONVAY UNTO GOD THROUGH THE LAWS OF JESUS CHRIST WHICH ARE MADE KNOWN TO MAN BY THE RECKORD OF THE TESTAMENT RECORDED BY MATHEW MARK LUKE JOHN THE EVANGELIST THIS LAND TO GOVERNND BY THE ABOVE MENTIONED LAWS AND TOGATHER WITH THE SPIRIT OF GOD THE SAID TRACT OF LAND IS SITUATED IN WORCESTER ABOVE MENTIONED THE SOUTH WESTERLY PART CONTAINING TEN ACRES MORE OR LESS BOUNDED AS FOLLOWS VIZ BEGINNING AT THE SOUTHWEST OF THE LOT AT A STAKE AND STONES BY LAND OF E DANIELS THENSE EASTERLY BY LAND OF S PERRY ABOUT 97 1/2 RODS TO A CORNER OF THE FENCE THENCE NORTHERLY BY LAND OF ABOUT 54 RODS TO A CORNER OF I FOWLER ABOUT 24 RODS A CHESTNUT TREE IN THE WALL AT THE CORNER THE LAND OF SAID DANIELS AND A HEAP OF STONES BY THE SIDE OF THENCE SOUTHERLY TO THE BOUNDS FIRST MENTIONED”



UTAH COUNCIL OF LAND SURVEYORS FALL FORUM 2017

SURVEY TECHNICIAN TRAINING

NOVEMBER 10, 2017

8:00AM - 5:00PM, RM CS711

UTAH VALLEY UNIVERSITY

What will be taught?

CST Exam Preparation Review

(you do not need to take the Exam to attend the fall forum)

Level I CST Exam

A *basic* knowledge of field operations and types of surveys as well as familiarity with field equipment and procedures used in these functions. Additional skills required include computational ability, survey note taking, drafting/CAD, and map reading.
No experience or surveying education

Level II CST Exam

Level I knowledge plus a *more* knowledge of comprehensive field note taking, plan reading and preparation. Detailed working knowledge and application Field: standard field equipment Office: of related computer hardware and software.

Field: 1.5 years of surveying experience

Office: 1.5 years of surveying experience

Training for:

Office and Field Survey Technicians, Engineers, Grade Checkers, Crew Chiefs and Crew members, Excavators, Contractors, Students, etc.

Registration Deadlines Oct 31

Fall Forum Registration on the UCLS website <http://www.ucls.org> Exam not Required, but late fee applies +\$10

CST Exam Registration separate <http://www.nsps.us.com> and navigate to Programs then Certified Survey Technician (CST)

What will it cost:

UCLS Fall Forum on the 10th Fees include lunch and materials. Non-student \$35, Student \$15

NSPS Exam on the 11th Application Fees:
Student/ Veterans Examinee: \$120.00
All Other Examinees: \$180.00



UTAH VALLEY UNIVERSITY

Fall Forum Location:

800 W. University Parkway
Orem, UT 84058

Computer Science Bldg, Rm CS711

Questions Contact Dan Perry at
dan.geosymmetrics@gmail.com

- **Dancing for Treats**

The tradition of going door - to - door on All Hallow's Eve goes back to the Middle Ages, but did you know that folks used to do more than plea for candy? At one time, it was customary to perform dances, songs, prayers, and plays, a practice called "mumming," in order to receive their treats, according to E.J.W. Barber's *The Dancing Goddesses: Folklore*.

- **Silly String Ban**

Silly string fans should stay far away from Hollywood on Halloween. A ban on the toy, created in 2004, is only enforced there on October 31, according to *The New York Times*. If you're caught with sticky hands, expect to pay a \$1,000 fine.

- **Cabbage Night**

New Englanders may be familiar with this alternative name for the holiday. According to *Live Science*, some pranksters in the northeastern United States keep up with this stinky tradition of collecting rotten vegetables and leaving them near their neighbors' doors.

- **Super Sized**

No matter how scary your local haunted house is, it probably can't top the Haunted Cave in Lewisburg, Ohio. Measuring 3,564 feet long, the Guinness World Records has named it the world's longest haunted house. Even spookier: It's located 80 feet below ground in an abandoned mine.

- **Great Gourds**

Halloween wouldn't be the same without pumpkins, and thankfully, there are plenty of gourds to go around. According to the United States Department of Agriculture's National Agricultural Statistics Service, in 2014, the top pumpkin - producing states - Illinois, California, Ohio, New York, Pennsylvania, and Michigan - produced 1.31 billion pounds of pumpkins.



- **Feeling Corny**

Since its invention in 1898 by the Herman Goelitz Confectionery Company of Fairfield, California (now known as the Jelly Belly Candy Company), candy corn has been wildly popular - so much so that today, nearly 35 million pounds of candy corn are produced each year.

- **Heart in Hand**

In 1950, Philadelphia - based trick-or-treaters traded in a sweet tooth for a sweet action. In lieu of candy, residents collected change for children overseas and sent it to UNICEF. Subsequently, the Trick-or-Treat for UNICEF program was born.

- **Sweet Spot**

Valentine's Day is no longer the sweetest national holiday - at least when it come to candy sales. More than twice as much chocolate is sold for Halloween as for Valentine's Day; 90 million pounds of chocolate are sold during Halloween week alone. In total, \$1.9 billion is spent on Halloween candy each year.

- **Rock On**

It was just tricks - no treats - for Charlie Brown in *It's the Great Pumpkin, Charlie Brown*. In the 1966 TV special, he utters, "I got a rock," while trick-or-treating. The phrase went on to become one of the most famous lines in *Peanuts* history.



UCLS Board Meeting Agenda

June 10, 2017

9:00 a.m. Board Meeting

UVU Campus

CS712a

I) Welcome & Call to order - Dan Perry

II) Roll Call

Board Members Present:

Dan Perry	State Chair
Dale Robinson	Past State Chair
Michael Nadeau	WestFed Representative
James Coutts	State Chair-Elect
Val Schultz	GS Representative
Andy Hubbard	GS President
Todd Jacobsen	CC President
Gary Christensen	SL President
Rick Snyder	CC Representative
Harold Marshall	BC President

Board Members Absent:

Brian Mitchell	SL Representative
Brad Mortensen	Treasurer
Brock Slaugh	BC Representative
Brad Daley	TC President
Jim Kaiserman	TC Representative
Steve Dale	NSPS Representative

Susan Merrill, Administrative Secretary, was in attendance and Dan Perry presided in the chair.

III) Additions to Agenda

- a) **Board apparel:** There was some discussion about what the Board apparel should be this year. Some people don't have a jacket. The decision was to get a black zip up jacket, windbreaker with thin lining. Not a shell. The Board decided to stay with Power Image in St. George for now. Susan will see what the options are for jackets. Todd Jacobsen or Rick Snyder can go over and look at the actual jackets, if needed.
- b) **2022 Legislation NGS - Val Schultz:** Val Schultz is co-chair of the Western Federation Height Modernization Consortium for NGS. At the last meeting they had sent out the proposed legislations not only from the NGS but from some the states such as California, Washington and Oregon who have already passed theirs and we have their samples. We should be talking about this and making sure that we have something that fits us in Utah for NAD83 to be sure we are covered well and to work out any bugs. We still have some time, but we should start on it now. The Legislative Committee can work on this. Bill Stone also sent out the proposed legislation by NGS.

IV) Approval of Minutes - April 29, 2017

Motion: Dale Robinson moved to approve the April 29, 2017 minutes. Val Schultz seconded the motion. The motion carried unanimously.

V) Secretary Report -

- a) **Financial review:** Brad Mortensen's budget was reviewed. The "or more as needed" under Golden Spike Chapter needs to be removed. Golden spike's expenses are at \$2,800, but they brought in about \$2,000 in chapter income, so Golden Spike doesn't need \$2,800 in their budget. This should be changed to \$1,000. At the last Board meeting there was some discussion about adding money to the budget to cover visits to their conferences and also a donation to the Surveyors Historical Society. Andy is proposing a match of up to \$5,000 total for 2019. We would match our member donations. Our income will be less in 2018, so it might be better to put it off for a year. We will wait until next year for the Surveyor's Historical Society donation.

Minutes continued...

We need to leave the perpetual funds at \$1,000. Those were Board approved amounts. Why are bank fees and website fees cut in half? We will have to ask Brad. Is it because we are combining the

conference for next year and people won't be registering through our website?

Travel to other conferences could be included in the Travel budget. It will probably not be a regular thing. Leave travel at \$9,000. Leave NSPS travel at \$4,000. Our consultant is requesting an increase. We are only paying him \$8,000 per year or \$666.67 per month. Most of his clients pay a lot more than that. The Legislative Committee is pretty happy with the work that Ryan has done for the UCLS. It was proposed that we change Ryan Peterson's pay to \$900 per month.

Motion: Rick Snyder moved to increase Ryan Peterson's pay to \$900 per month. Mike Nadeau seconded the motion. The motion carried unanimously.

Motion: Dale Robinsinon moved to approve the budget with the changes discussed. Mike Nadeau seconded the motion. The motion carried unanimously.

VI) Follow-Up Items

a) 2030 UCLS Initiative:

Todd Jacobson made a suggestion for a mission statement. There were several comments and changes to the initial statement. The final mission statement agreed upon the Board is as follows: Mission Statement:

"The Utah council of Land Surveyors strives to establish common interests of all individuals engaged in the surveying profession; to define a standard of care intent on protecting the public welfare while encouraging professional ethics and sound surveying practices; to promote public awareness of professional land surveyors and their work; and to mentor the next generation of surveyors."

Motion: Todd Jacobsen moved to accept the mission statement above. Hal Marshall seconded the motion. The motion carried unanimously.

Susan updated the website during the Board meeting with the updated mission statement.

Dan Perry suggested that we have committee chairs be elected and put them on the board. There may be problems, such as the ethics committee chair taking disciplinary action and conflicts of interest. This may not be the best way to solve the liaison problems. We need to define what the committees do an liaison issues need to be fixed. Committee chairs could come and report personally to the Board. It would cost a little more. Maybe invite each committee chair to report once a year personally. We will continue to work on this in September.

Dan Perry encouraged the Board to look at our organization and see how we can improve based on our mission statement.

VII) New Items

- a) Sam Cantrell appeal: Sam Cantrell is requesting a refund for his conference fees since he was in the hospital as the last minute before the conference. There was some discussion about whether or not there would be exceptions to the "no refunds after the deadline" policy. This policy was clearly stated on the registration form for the conference. Same Cantrell asked that his appeal be considered by the Board. Steve Keisel was in the same situation and did not request a refund. There were a couple of other people who had last minute things happen who accepted the fact that their fees could not be refunded. If we refund one person, then we open a can of worms and have to provide refunds to everyone else that could not attend at the last minute. That close to the conference, we have already paid their costs for attendance. Should we set a policy for the future to allow for extreme circumstances? The actual cost of the conference per person has not been determined specifically, but Todd Jacobsen said it was probably around \$200. We will make sure the policy is even bigger and more noticeable next year.

Minutes continued...

Motion: James Coutts moved to adhere to the policy to give no refunds after the stated deadline for the conference. Andy Hubbard seconded the motion. The motion carried with one no vote by Mike Nadeau.

- b) **Combining with NALS for the Fall Forum:** NALS asked if we want to join with them for the Fall Forum. The CST will be at the Fall Forum and Dan Perry does not want to lose momentum on that. We would probably not get people to go to Mesquite for that.

Motion: Todd Jacobsen moved keep the Fall Forum in Utah for CST's, not offer PDH's and not combine with NALS for this year. Mike Nadeau seconded the motion. It will be in November right before the CST exam. We could use more help with instruction. We need to market the Fall Forum better this year. We will need to offer more level III CST instruction. The motion carried unanimously.

- c) **Education Foundation 501(c)(3) progress report:** Dan would like to have an education fund with Walt Cunningham's name on it. It needs to be focused on surveying education. Walter M. Cunningham Land Surveying Education Foundation. Susan will check with our accountant and some attorneys to see what would need to happen with this.

Motion: James Coutts moved to have Susan check with the CPA firm and attorneys to see how much it would cost to have them set this up and how it would increase our costs to set up a 501(c)(3) education foundation. This is to be kept confidential for now. Dale Robinson seconded the motion. The motion carried unanimously.

The advantage of doing this would be that we could give people receipts for their donations and they could take it as a tax deduction. It would also make things easier for the combined conference. It takes some time to set up and work with the IRS.

James Coutts had an idea for a surveying education award that could move into the Walter M. Cunningham Foundation which would include giving awards to surveyors who participate with TrigStar and other programs and that could work into the Education Foundation. This will be discussed at a future meeting.

Susan will check with Mark Gregersen, Harold Mitchell, and/or Dan Perry's contact on the (501(c)(3).

- d) **Ryan Peterson contract renewal:**
This was discussed under the financial report.

VIII) Committee Reports (Critical item reports only)

- a) **Convention Committee:** Todd Jacobsen reported that the conference will be at the Luxor February 22-24. Wednesday is the pre-conference with the conference running all day Thursday and Friday and a half day on Saturday. Room rates are \$55 per night on weeknights and \$109 for weekends. They are looking at a \$395 registration fee for the full conference. 250 attendees break us even for the venue. The pre-conference is extra, maybe \$100. The price is in the middle of the three states' usual fee.

The third Tuesday of every month will be a conference call for planning the conference and pre-conference. Submit ideas for the conference to Todd Jacobsen or Mike Nadeau. They might have another OPUS session or two. Bill Stone is on board for that. NSPS might be joining us. The NSPS student competition is already happening then in Las Vegas.

California will not be joining us. Hawaii is a possibility to join us, but we wouldn't get many from there. The first call will set a draft budget, conference themes, speaker, etc. Need ideas for presentations. We might do a call for papers. Attendance credit will go to the state where the member lives. Todd will discuss the member and non-member pricing with the committee. We will lose a lot of members if we don't have an incentive for them to join, such as cheaper conference registration. Our memberships go January through December to coincide with NSPS. From a

Minutes continued...

government standpoint and many employers, it is better to separate the membership from the conference registration. We could have a discount for people who are a member of a WestFed member organization and that would probably solve the different state dilemma. We need to market our membership as well. It was asked what will happen with our DOPL reimbursement with the combined conference and being out of state. We will have Brad Mortensen check on that.

- b) **Education Committee:** Chris Moore resigned as the committee chair, but he did review the scholarships. Ben Johnson might be able to do the chair. He is doing Cadastral work for the BLM now. Hal Marshall will talk to Ben Johnson about being the chair of the Education Committee. Recommendations for scholarship awards from the committee are as follows: Michael Stewart \$2,000, Sean Ireland \$1,250 and Spencer McCutcheon \$750. There was some discussion about this. The Board members felt that Spencer McCutcheon could have put more effort into his application and should have a smaller award.

Motion: Mike Nadeau moved to give awards as follows: Mike Stewart \$2,000, Sean Ireland \$1,500, and Spencer McCutcheon \$500. Val Schultz seconded the motion. The motion carried unanimously.

- IX) **WestFed Report - Mike Nadeau:** WestFed has not met recently. Mike sent what he had as handouts. There is another meeting in two weeks.
- X) **NSPS Report - Steve Dale:** Steve Dal was not in attendance. NSPS has not met recently and there is nothing new to report.
- XI) **Utah Engineers Council - Gary Christensen:** The last meeting was the first Wednesday of May. Susan Merrill brought a box of 40 printed Journals to be distributed among the chapters. Otherwise, the Journal is electronic and our members should have received an email with a link to the Journal. The UEC will resume again in September.
- XII) **Chapter Reports (Critical item reports only)**
There were no critical chapter reports.
- XIII) **Adjourn**
Motion: James Coutts moved to adjourn the meeting. The meeting was adjourned at 12:15 p.m.
- Next Board Meeting:** September 23, 2017 at UVU

September what is it



The first member who identify the UCLS September's Newsletter "What is it" contest was Dale Bennett. Second place, and only one second later, was a three-way tie between Mark Gregerson, James Dahl, and Ron Whitehead. We also received submissions from fourteen other members who acknowledged that they have tried water witching or dowsing with some degree of success.

According to the USGS water dowsing publication https://pubs.usgs.gov/gip/water_dowsing/pdf/water_dowsing.pdf "Water dowsing" refers in general to the practice of using a forked stick, rod, pendulum, or similar device to locate underground water, minerals, or other hidden or lost substances, and has been a subject of discussion and controversy for hundreds, if not thousands, of years.

Although tools and methods vary widely, most dowsers (also called diviners or water witches) probably still use the traditional forked stick, which may come from a variety of trees, including the willow, peach, and witch hazel. Other dowsers may use keys, wire coat hangers, pliers, wire rods, pendulums, or various kinds of elaborate boxes and electrical

instruments. Some claim powers that enable them to "see" through soil and rock, and some are mediums who go into trances when condition are favorable.

In the classic method of using a forked stick, one fork is held in each hand with the palms upward. The bottom or butt end of the "Y" is pointed skyward at an angle of about 45°. The dowser than walks back and forth over the area to be tested. When the dowser passes over a source of water, the butt end of the stick is supposed to rotate or be attracted downward.

What does science say about dowsing? Case histories and demonstrations of dowsers may seem convincing, but when dowsing is exposed to scientific examination, it presents a very different picture.

Nevertheless, many people, including surveyors, have used water witching and dowsing as another locating tool.

Dastardly Deed

PROPERTY LINE DISPUTE

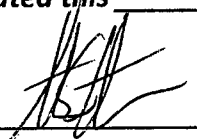
We, the undersigned, Steven E. Christenson and Stephanie A. Christenson, owners of property at 2412 East Wood Willow Circle, Salt Lake City, Utah, more particularly described as Lot 4, Willow Lane PUD, herein file a Property Line Dispute for property at 2418 East Wood Willow Circle, owned by Benjamin T. Brubaker and Stephanie A. Brubaker, on the following described property:

Lot 5, WILLOW LANE, P.U.D., ACCORDING TO THE OFFICIAL PLAT THEREOF RECORDED IN THE OFFICE OF THE SALT LAKE COUNTY RECORDER.

SIDWELL NO. 16-27-255-005

This Property Line Dispute is given for the purpose of Benjamin T. Brubaker and Stephanie A. Brubaker, to remove several boulders off the property line owned by Steven E. Christenson and Stephanie A. Christenson so that they may put up a fence.

Dated this 26TH day of July, 2013



Steven E. Christenson



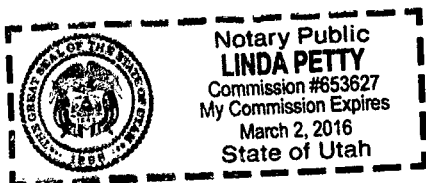
Stephanie A. Christenson

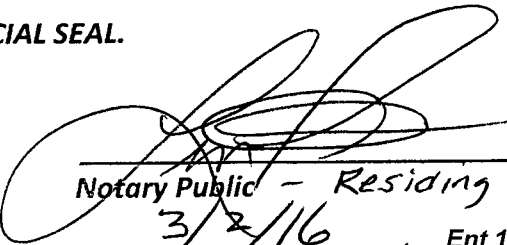
SS.

COUNTY OF SALT LAKE)

On the 26TH day of July, 2013, personally appeared before me ~~STEVEN E. CHRISTENSON~~ ? ~~STEPHANIE A. CHRISTENSON~~ the person(s) of the within instrument, who duly acknowledged to me that she executed the same in his/her authorized capacity and that his/her signature on the instrument the person(s) or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS MY HAND AND OFFICIAL SEAL.





Notary Public - Residing in Salt Lake City, UT.
3/2/16 Ent 11692383 BK 10163 PG 1221

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