It's Not Easy Being Clean:

The Legacy of Josephine Cochran

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Junior Individual Website

Bibliography

Primary Sources

- 1893 Worlds Columbian Exposition. 1893. Chicago. A Digital Archive of American Architecture. Comp. Jeffery Howe. Web. 15 Mar. 2015.
 http://www.bc.edu/bc_org/avp/cas/fnart/fa267/1893fair.html. This website has a map and pictures of the different buildings at the Columbian Exposition.
- A. Josephine Cochran. 1841-1876. Goffstown Photo Album. Goffstown Photo Album.
 By Brad Hadley. Web. 3 Mar. 2015.
 http://www.hadleyfamily.us/album/album.html. This photo album includes a picture of Josephine Cochran.
- Chicago Silver -- Lebolt & Co. 1911. Chicago. Chicago Silver -- Lebolt & Co. Web. 18

 May 2015. http://chicagosilver.com/lebolt.htm. Josephine sold her dishwasher to the Palmer House, which this website has a picture of.
- Cochran, Josephine G. *Dish-washing Machine Patent No. 355,139. United States**Patent Office. N.p., n.d. Web. 23 Feb. 2015.

 http://todayinsci.com/Events/Patent/DishwashingMachine355139.htm. I found Cochran's patent on this website.
- "Dishwashers." *KitchenAid*. KitchenAid, 2015. Web. 24 Mar. 2015.

 http://www.kitchenaid.com/major-appliances/dishwashers/. This website has a modern advertisement for KitchenAid.

- Gougar, Helen M. "A Successful Invention." *The Woman's Journal* 20.34 (1889): n. pag. Print. In 1889, this periodical published an article about Cochran.
- "Josephine Cochran, Dishwasher Inventor." *Learning On-Line*. N.p., n.d. Web. 18 May 2015. http://learningabe.info/dishwasher.html. A picture of an older Josephine Cochran is on this website.
- "Josephine Cochran, Inventor of the First Mechanical Dishwashers." *Learning On-Line*.

 N.p., n.d. Web. 18 May 2015. http://learningabe.info/dishwasher.htm. Unlike another website with a similar address, this website has a picture of Cochran's patent.
- KitchenAid. *Amazon.com: : Posters & Prints*. N.p., n.d. Web. 15 Mar. 2015.

 http://www.amazon.com/1971-KitchenAid-Dishwasher-Print-Ad/dp/B00GIN04UY. This is the most recent advertisement on the website.
- KitchenAid. *Amazon.com: : Posters & Prints.* N.p., n.d. Web. 15 Mar. 2015.

 http://www.amazon.com/KitchenAid-Dishwasher-Stuffy-Kitchen-Print/dp/B002KRH4H8. This is one of my favorites of the seven advertisements that I chose. It states how a dishwasher is fast and easy, so that dishes do not need to be overwhelming in the kitchen.
- KitchenAid. *Amazon.com : Posters & Prints*. N.p., n.d. Web. 15 Mar. 2015. http://www.amazon.com/KitchenAid-Superba-Convertible-Dishwasher-

- Print/dp/B002KRFFNI>. This advertises how a KitchenAid dishwasher does not need to be returned because it is very useful and effective.
- KitchenAid. *EBay*. N.p., n.d. Web. 15 Mar. 2015. http://www.ebay.com/itm/1959-KitchenAid-Dishwasher-Mother-Son-in-Cub-Scout-Uniforms-vintage-print-Ad-/361234773002. This is the earliest KitchenAid advertisement that I found.
- KitchenAid. *EBay*. N.p., n.d. Web. 15 Mar. 2015. http://www.ebay.com/itm/Vintage-1960-KitchenAid-Convertible-Portable-Dishwasher-Magazine-Ad-/260950815882. The second earliest advertisement, this one emphasizes *the* dishwasher, rather than a human dishwasher.
- KitchenAid. *EBay*. N.p., n.d. Web. 15 Mar. 2015. http://www.ebay.com/itm/Vintage-1967-KitchenAid-Dishwashers-and-Disposers-Magazine-Ad-Print-dirty-dish-/131025785614. According to this one, hand washed dishes are dirty, so a dishwasher is better.
- KitchenAid. *Etsy.* N.p., n.d. Web. 3 Mar. 2015.

 https://www.etsy.com/listing/107829992/kitchenaid-dishwasher-original-1969>.

 This is my other favorite advertisement because it is clear and easy to read.
- Lienhard, John H. "No. 1476 Inventing the Dishwasher." *Engines of Our Ingenuity*. N.p., 1988-1999. Web. 12 Mar. 2015. http://www.uh.edu/engines/epi1476.htm. This is a sketch of one of the first dishwashers that was not invented by Cochran, but by L.A. Alexander.

"Search Results." *Chronicling America « Library of Congress*. National Endowment for the Humanities, n.d. Web. 18 May 2015.

. After filtering through these 2,980 search results, it is

Steamboats1. N.d. Glogster. Web. 23 Mar. 2015.

http://www.glogster.com/cheneey/steamboats1/g-6lkk23gub58hsobvvd4paa0.

This is a picture of John Fitch.

possible to find the newspaper articles that I used for my website.

Secondary Sources

- Benckiser, Reckitt. "How Does a Dishwasher Work? (1 of 2)." *Chemistry in Your Cupboard*. Learning Science Ltd., n.d. Web. 18 May 2015.

 http://www.rsc.org/learn-chemistry/resources/chemistry-in-your-cupboard/finish/2. I like to compare this diagram of a dishwasher to L.A. Alexander's dishwasher.
- Benson, Alvin K. *Great Lives from History: Inventors and Inventions*. Pasadena, CA:

 Salem, 2009. Print. This book was actually my first encounter with Josephine

 Cochran. It was where I decided that she was a perfect person to choose for the Leader and Legacy theme.

- Casey, Susan. Women Invent: Two Centuries of Discoveries That Have Shaped Our World. Chicago, IL: Chicago Review, 1997. Print. I loved this book. All of the information about inventing (in general) can be credited to it.
- "Dishwasher History." *Gizmo Highway Technology Guide*. N.p., 1994-2011. Web. 23

 Feb. 2015. http://www.gizmohighway.com/history/dishwasher.htm. This website talks about the inventors of the first dishwashers.
- Fenster, J.M. "The Woman Who Invented the Dishwasher." *American Heritage of Invention and Technology* 15.2 (1999): 55-61. Print. If anyone wants to learn more about Josephine Cochran, they need to look here. This is the most descriptive and detailed article I have seen so far.
- Fiol, Taryn. "Hand Washing Versus the Dishwasher Real Simple." *Apartment Therapy*.

 N.p., 2015. Web. 23 Feb. 2015. http://www.apartmenttherapy.com/do-you-really-need-a-dishwasherreal-simple-173109. This website talks about why a dishwasher is better than hand-washed dishes.
- Jaffe, Alexandra. "It's Settled: Dishwashers Beat the Lowly Hand, Almost Every Time." *The Atlantic*. Atlantic Media Company, 20 June 2012. Web. 23 Feb. 2015.

 http://www.theatlantic.com/health/archive/2012/06/its-settled-dishwashers-beat-the-lowly-hand-almost-every-time/258784/. This source made some points about dishwashers that the previous source did not.

- Karwatka, Dennis. "Josephine Cochrane Invents the First Practical Dishwasher." *Tech Directions* 59.10 (2000): n. pag. Print. This article explains Cochran's motivations for inventing the dishwasher.
- Macdonald, Anne L. Feminine Ingenuity: Women and Invention in America. New York:

 Ballantine, 1992. Print. This book talks about women, their roles in inventing, and how they defied them.
- Rydell, Robert W. "World's Columbian Exposition." *Encyclopedia of Chicago*. Chicago Historical Society, 2005. Web. 23 Feb. 2015.

 http://encyclopedia.chicagohistory.org/pages/1386.html. I would recommend this website to anyone who wanted to learn about the Columbian Exposition. It talks about the history and other basic facts.
- "Shelbyville CityWalk Presents The Victorian Homes Architectural Tour." *Shelbyville, Illinois*. N.p., 2011-2015. Web. 18 May 2015.

 http://shelbyvilleillinois.net/downtown-city-walk-victorian-homes-architectural-tour/. This website has a picture of Cochran's house and its address.
- Stanley, Autumn. *Mothers and Daughters of Invention: Notes for a Revised History of Technology*. Metuchen, NJ: Scarecrow, 1993. Print. This book has a bit of information about Cochran in it.
- Vare, Ethlie Ann., and Greg Ptacek. *Patently Female: From AZT to TV Dinners : Stories of Women Inventors and Their Breakthrough Ideas*. New York: Wiley, 2002.

 Print. This book talks about different women who were inventors in a way that is

easy to understand.

Zierdt-Warshaw, Linda, Alan Winkler, and Leonard Bernstein. *American Women in Technology: An Encyclopedia*. Santa Barbara, CA: ABC-CLIO, 2000. Print. This has a couple pages on the Columbian Exposition, and on Cochran.