

40 Kerr Road
Poughkeepsie, NY 12603
February 2, 2010

Mayra N. Montrose
Program Manager National Medal of Science
National Science Foundation
4201 Wilson Boulevard, Suite 1282 Mail Stop: Room 1270
Arlington, VA 22230

Dear Ms. Montrose:

Ralph Baer should win the National Medal of Science Award because he invented the first video game. Ralph Baer was an amazing inventor! He must have been a very smart person at the time to invent something like that. In my opinion, Simon and Pong are his most famous inventions.

The first video game Ralph Baer invented was Pong. Pong was a game similar to real life ping pong. There were two players on each side and they hit a ball back and forth to score points. Its hard to think that the first video game was that simple compared to today's video games.

What a lot of people don't know about Ralph Baer is that he just didn't invent the first video game. He made and also licensed to Hasbrow, a line of Talking Tools. He also met up with Hallmark in Kansas City and started them on the first talking greeting card.

Ralph Baer is known to be the father of all video games.. He won a National Medal of Technology from president George W. Bush. He should get another award from President Obama. His honors include the Father of Video Game award and many others.

As you can see, Ralph Baer deserves the National Medal of Science Award award. Think about all the fun you've had as a kid playing with his games! Ralph Baer is a great man. Thank you for reading!

Cordially,

A handwritten signature in cursive script, appearing to read "Calista". The signature is written in black ink and is positioned below the word "Cordially,".

Calista

Ralph

Inventive, intelligent, and cheerful

Husband to Dena Whinston, father of James Whinston, Mark Whinston, and Nancy Doris

Who loves inventing and helping others

Who experienced joyfulness, pride, and popularity

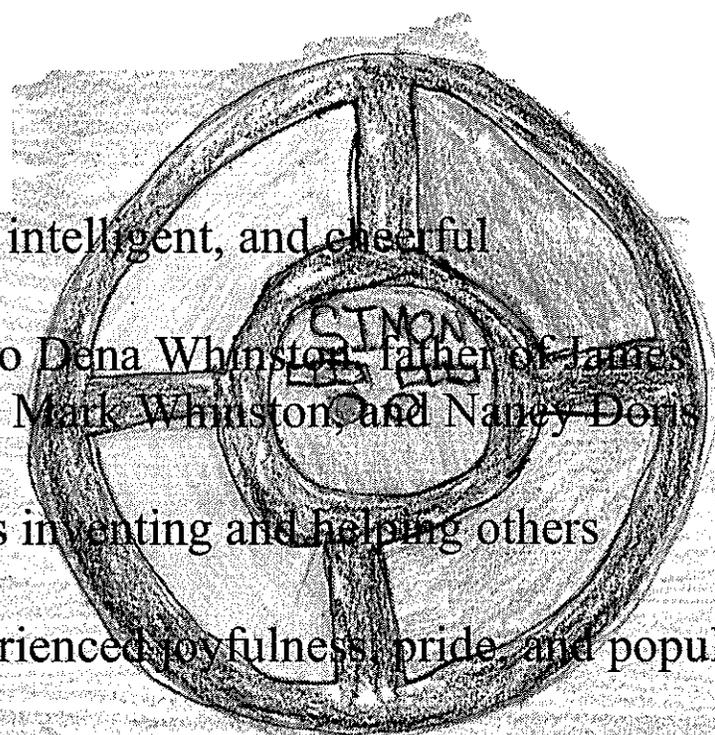
Who was fearful for his life as a boy because he was born in Nazi Germany

Who invented the first video game and won a National Medal of Technology from George W. Bush

Who wants to see Pong and Simon still used by children in the future

Born in South West Germany

Baer



Pong

40 Kerr Road
Poughkeepsie, NY 12603
February 2, 2010

Mayra N. Montrose
Program Manager National Medal of Science
National Science Foundation
4201 Wilson Boulevard, Suite 1282 Mail Stop: Room 1270
Arlington, VA 22230

Dear Ms. Montrose:

Walt Disney should win the National Medal of Science Award because of all the great accomplishments in the last eighty years. His creation of Mickey Mouse and friends, his invention of the Multiplane camera, the establishment of the Starlight Foundation and the opening of Disneyland, Magic and Animal Kingdoms have brought us all happiness and joy through out the years. His hard work and dedication has shaped the lives of millions of adults and children with the feeling of knowing that all of your dreams can come true.

Walt Disney transformed the way we view animation. In 1928 Walt Disney released his first Mickey Mouse cartoon "Steamboat Willie." His first sketches were dogs, cats, rabbits, horses, frogs and even a cow. None of the sketches appealed to him. They felt like the public, especially children would rather have cute, little animals.

Who could ever imagine Mickey Mouse being Mickey Cow or Mickey Horse? Thanks to Charlie Chaplin for the idea of adding a little bit of a mouse. The mouse's name was going to be Mortimer Mouse but Walt Disney's wife convinced him to change it to Mickey Mouse. In 1936 Walt Disney invented the Multiplane camera that produces more color and clarity to his animations. The Multiplane camera changed animation by the process that movies a number of various speeds and various distances that create a three dimensional effect. The Multiplane camera is better than the two dimensional because it allows that character to move in depth, (closer and away in the scene). Imagine Mickey Mouse could only move side to side and not be able to see all of his surroundings. How boring would that be? In 1937 Walt Disney invented the first full length feature film "Snow White and the Seven Dwarfs," which earned him his first Academy Award. For Snow White and the Seven Dwarfs was recognized as a significant screen innovation which has charmed millions and pioneered great new ways in which we now view cartoon entertainment .

In 1951 Starlight Foundation was established by Walt Disney. This outreach program was to brighten the lives of children around the world. It is a global outreach program, Walt Disney donated millions of dollars to sick and under privileged children. Walt

Disney had a PC pal program. He donated 200 laptop computers so starlight children could get medical education at Toon Online, Cinderella Dollhouse, and Learning with Nemo website. Walt Disney Company partnered with the starlight to deliver parties in a box. Parties in a box is a festive box containing ready made parties for pediatric patients with items including videos, books, interactive games, craft projects and board games. Mr. Disney showed concern for his community through his hard work and generocity in his various foundations. What a great guy!

In 1955 was the creation of Disneyland in Anaheim, California, the most magical place on earth. Disneyland made everyone's dreams come true. The Magic Kingdom is where hearts of all ages can laugh, play and learn together. Disney World is where kids can be kids and adults can be kids. It is the place with limitless imaginations and no worries. The Magic Kingdom is the "place that dreams are made of." In 2005 the Magic Kingdom celebrated its 50th anniversary parade of dream as part of the homecoming on earth. Helping to celebrate the dreams of Walt Disney included all the Disney characters such as Mickey, Minnie, Cinderella, Snow White, Simba, Alice, Pinocchio, Belle, Ariel, Donald, Goofy and Pluto. They are such an important part of keeping the magic of childhood alive. Could you ever imagine a world without Disneyland? Walt Disney also had opened the Animal Kingdom April 22, 1998. It is also the first Disney theme to be entirely dedicated to animal conservation. He was fascinated by the wild exotic animals. Walt's childhood on a farm gave him a passion for animals that never left him. Through his passion and with lots of work Walt Disney was able to save many species of animals.

In conclusion, Walt Disney's accomplishments have created life long memories that reflect upon lives of many people young and old. Through his invention of the multiplane camera, he changed the way we view animation. Without Disneyland, Animal and Magic Kingdom, we would not be able to experience the place "that dreams are made of." Imagine a world without Disneyland. His dedication to sick and underprivileged children has left a lasting impact on people around the world. It is for all these reasons that I feel Walt Disney should win the National Medal of Science Award.

Sincerely,

A handwritten signature in cursive script that reads "Skyler". The signature is written in dark ink and is positioned above the printed name.

Skyler

Walt

Imaginative, colorful, and loving

Farther of Diane and Sharon and Husband to Lillian

Who loved cartoons and animation

Who was strict with his coworkers and who loved his daughters

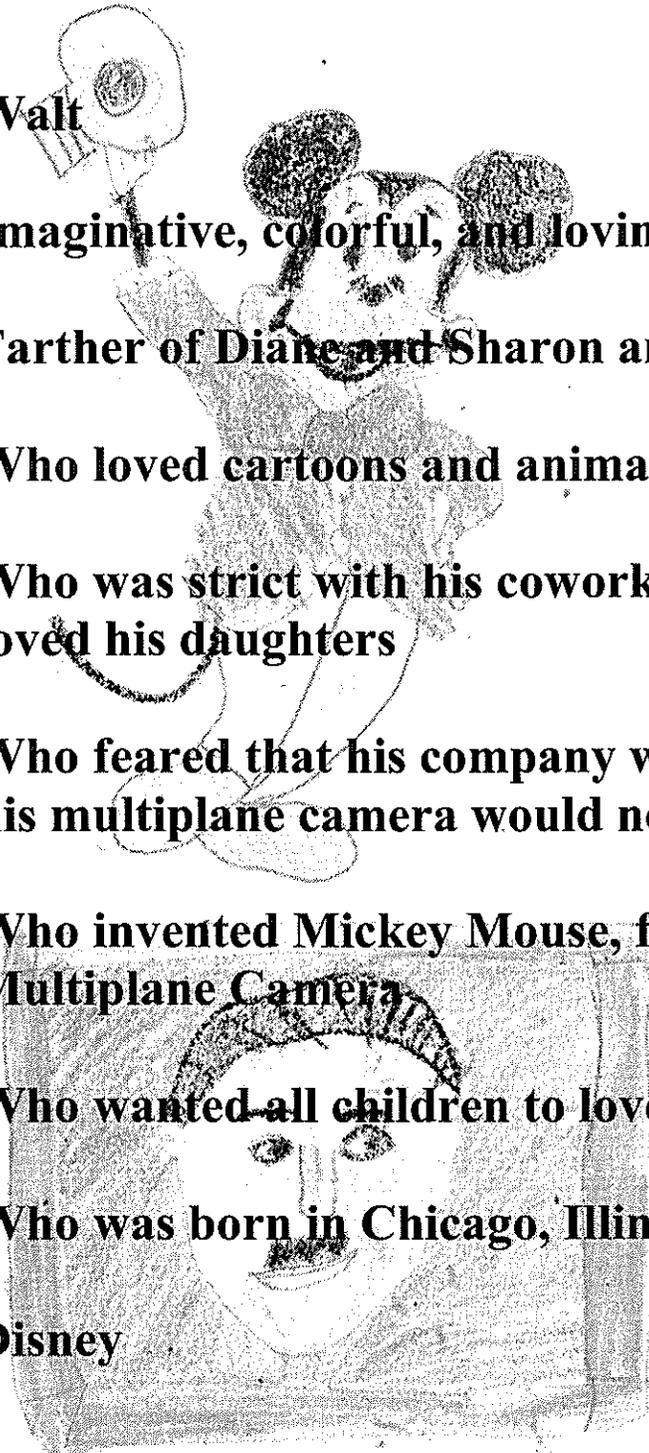
Who feared that his company would go bankrupt and his multiplane camera would not work

Who invented Mickey Mouse, fairy tale stories and the Multiplane Camera

Who wanted all children to love cartoons

Who was born in Chicago, Illinois

Disney



40 Kerr Road
Poughkeepsie, NY 12603
February 2, 2010

Mayra N. Montrose
Program Manager National Medal of Science
National Science Foundation
4201 Wilson Boulevard, Suite 1282 Mail Stop: Room 1270
Arlington, VA 22230

Dear Ms. Montrose:

Bill Gates should win the Nation Medal of Science Award because he invented the first Microsoft Computer. Now when you buy a computer it has Microsoft already programmed in it. He is also the creator of gaming systems. He is one of the richest men in the world.

There would be no Microsoft is he was never born. Many people have to use Microsoft for their jobs. They different programs such as, Microsoft word, Windows, Windows XP, and Windows 7. Most computers rely on Microsoft software. I can't imagine how hard it was without the use of Microsoft software.

Without Bill Gates technology might not be the same. Computers would be a lot slower. Video games won't have the great graphics that they do have now. The internet connection won't be as strong as it is today. So it is clear that Bill Gates should win the National Medal of Science Award.

Sincerely,

A handwritten signature in cursive script that reads "Dawson".

Dawson

Bill

Rich, bookworm, smart

Husband of Melinda

Who loves computers, reading, and school

Who was happy that he created Microsoft

Who was sad because his friend Kent Evans died in a mountain climbing accident and excited when he got married

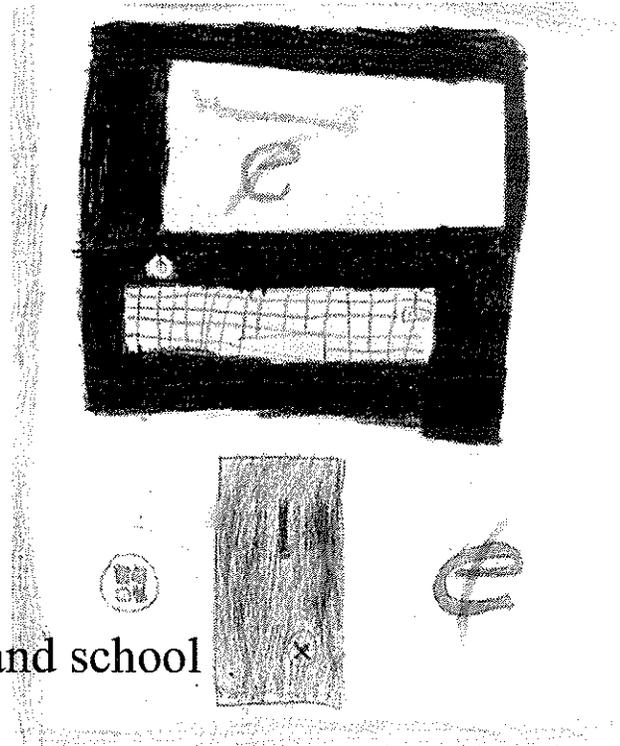
Who feared he wasn't going to be successful and that kids in the future would have a bad education

Who donates his money to children's charities

Who wants to see kids everywhere live a healthy life

Born in Seattle Washington

Gates



40 Kerr Road
Poughkeepsie, NY 12603
February 2, 2010

Mayra N. Montrose
Program Manager National Medal of Science
National Science Foundation
4201 Wilson Boulevard, Suite 1282 Mail Stop: Room 1270
Arlington, VA 22230

Dear Ms. Montrose:

Philo Farnsworth should win the National Medal of Science Award for many reasons. He invented the television. He went through a lot of trouble inventing the television. Without the television we wouldn't know what's going on in the world. For example, if Hurricane Katrina was coming your way or we got a new president, you would like to know about it. Or if there is a terrorist bombing around you would want to know what he looks like, where he is, and what he can do. Also, the television lets you know what the weather is outside so you can get dressed and accessorized correctly for the weather.

Without television we wouldn't have video games. Some video games are educational and help students. Did you know there is a game system that helps people lose weight, exercise, and gives tips on how to healthy? This video game is called the Wii. We have video games so we can be entertained and happy.

Television allows you to relax, have fun, and sometimes do research. At movie nights or sleepovers, having T.V. is a nice way to have fun and enjoy your friends. You don't always have to read a book or look on the computer to get information. There are also T.V. programs that are informational, (like the animal channel). With television we can relax, have a fun time with it and never be bored.

So, Philo Farnsworth should absolutely win the National Medal of Science Award for these reasons. Philo Farnsworth worked very hard for his invention to work. He was not just a teen who dreamed, he was a teen who succeeded.

Cordially,



Oreoluwa

By Obediwa Oden

Philo

Intelligent, anxious, and well dressed

Son of Lewis and Serena

**Who loved his wife Elma and his older
siblings' stories**

**Who experienced madness when RCA took
over his patent**

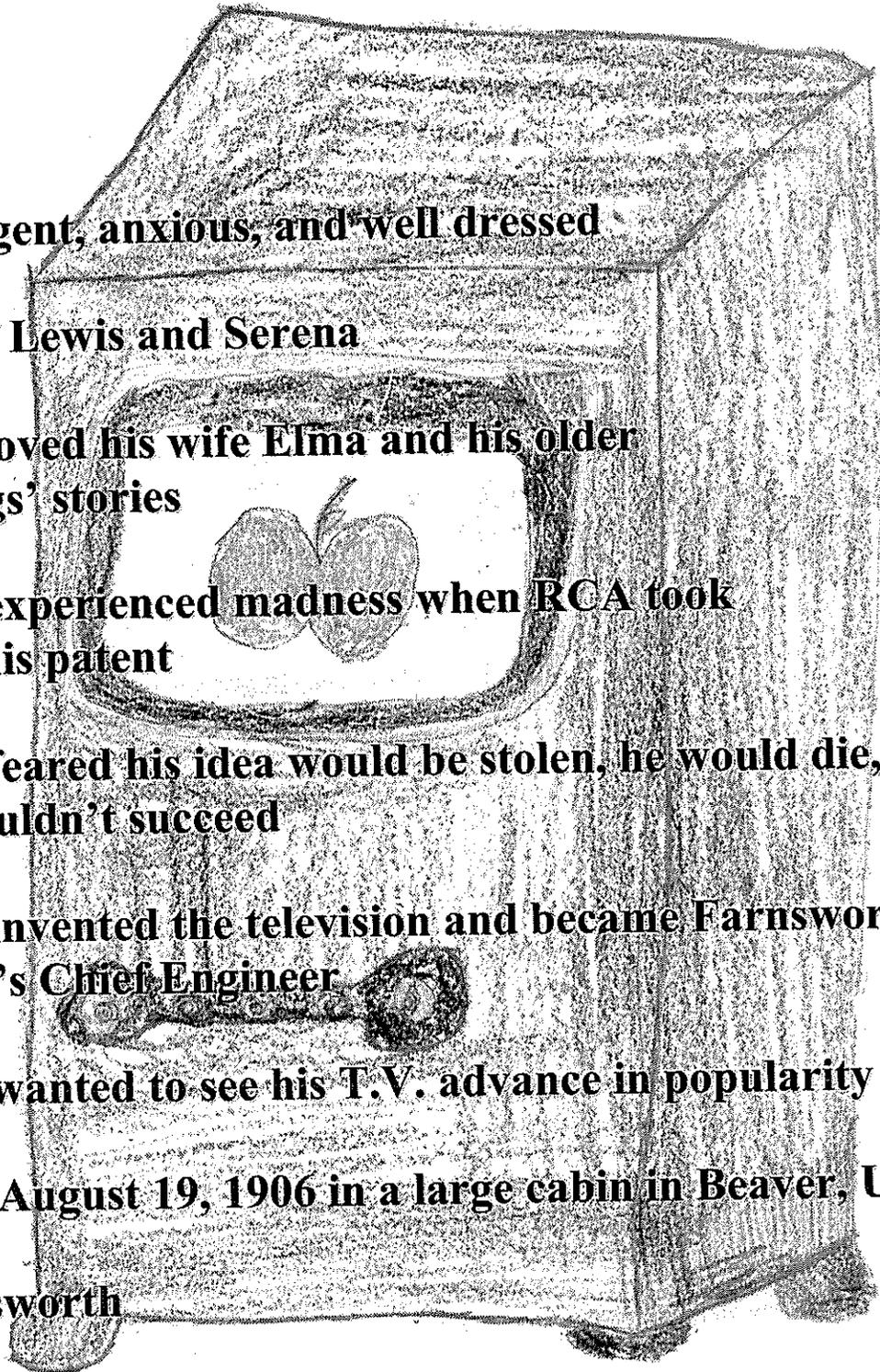
**Who feared his idea would be stolen, he would die, and
he wouldn't succeed**

**Who invented the television and became Farnsworth
Farm's Chief Engineer**

Who wanted to see his T.V. advance in popularity

Born August 19, 1906 in a large cabin in Beaver, Utah

Farnsworth



40 Kerr Road
Poughkeepsie, NY 12603
January 22, 2010

Marya N. Montrose
Program Manager Medal of Science
National Science Foundation
4201 Wilson Boulevard, Suite 1282
Arlington, VA 2203

Dear Ms. Montrose,

There is no reason why Bill Gates should be nominated as the national medal of science award. Well, if you don't know Bill Gates has founded Microsoft. When someone thinks of computer software, they must think about Microsoft. In fact if you use a computer, chances are there is at least some type of program on there developed by Microsoft.

One reason why you should vote for him is because Microsoft corp. invented Windows. Windows is an operating system for your computer. Your computer can't run if it does not have Windows. Imagine looking at a blank screen on your expensive computer. That is what the world do with their computer if they didn't have Windows. Microsoft Windows is the most used software on a personal computer yet. It is obvious that it takes a certain type of person to successfully create and maintain such as a profitable organization. If you do have Windows, Microsoft game studios have created games for Windows.

Another reason why you should nominate him is because the company Microsoft automated our daily life works easier and faster like he developed Microsoft Office where we can make our formal documents like spreadsheets, presentations, letters and analysis of data because it is able to make fast calculations and fast mathematical operation for an example a cash flow forecast. Microsoft also created computer programming platforms like Visual Studios where computer programmers can write and make useful software's and games.

My last reason is that Bill Gates has advanced the technology of all computer and software's today. Microsoft, one of the most successful companies in the world, it is using its innovations to take over the machine gaming market. In the console-gaming world people know Sony and Nintendo. Microsoft may be one the largest and richest software company in the world, but it's unknown when it comes to console-gaming. Microsoft is counting on the Xbox to change that perception.

At last I would like to say, Bill Gates has shown us the path where we couldn't imagine performing before. So please vote for Bill Gates and his wonderful foundation, Microsoft. I personally think that you should vote for Bill Gates to be the National Medal of Science Award winner.

Sincerely,

Haroon Ahmed

Bill

Smart, creative, and famous

Husband of Melinda and son of William Gates II

Who loved card games, mathematics, and technology

Who loved school even though he thought it was easy

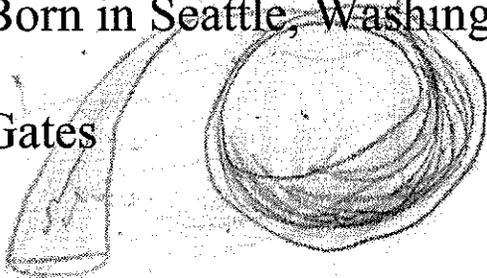
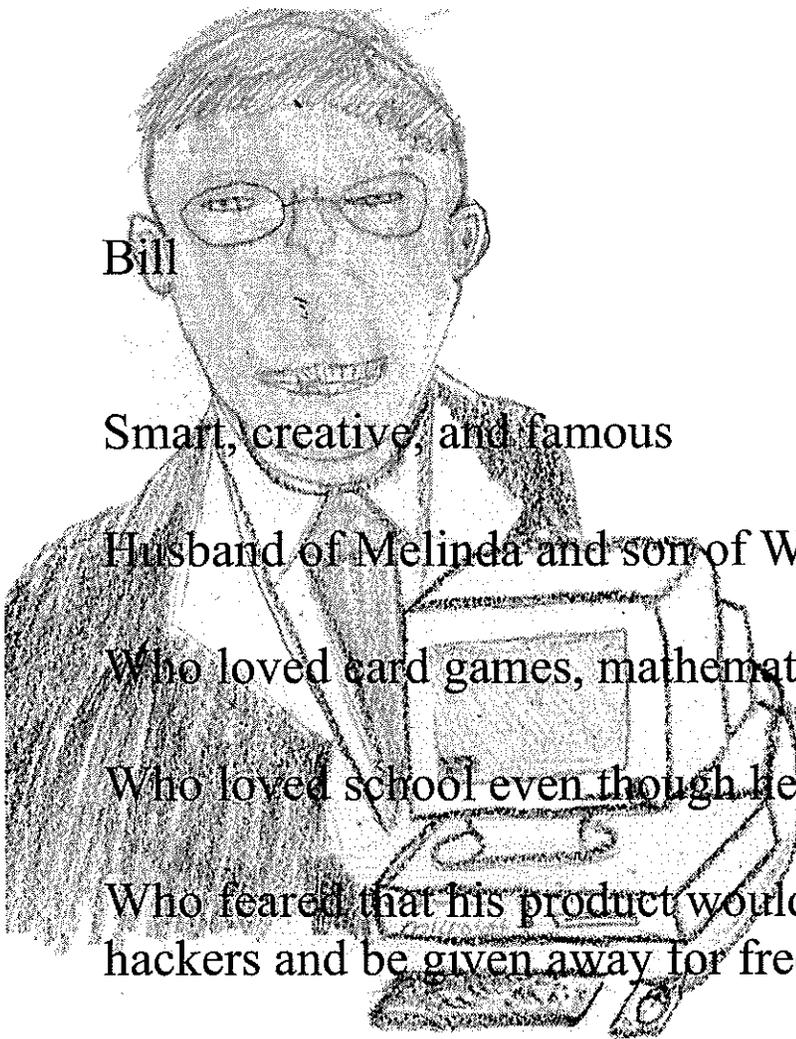
Who feared that his product would be stolen by hackers and be given away for free

Who founded Microsoft with Paul Allen

Who wanted to see a computer on every office desk and in every home

Born in Seattle, Washington

Gates



40 Kerr Road
Poughkeepsie, NY 12603
February 2, 2010

Mayra N. Montrose
Program Manager National Medal of Science
National Science Foundation
4201 Wilson Boulevard, Suite 1282 Mail Stop: Room 1270
Arlington, VA 22230

Dear Ms. Montrose,

Thomas Alva Edison should win the National Medal of Science Award because he invented Electric Light. He invented hundreds of other inventions that were later improved by other inventors. Some of Edison's improved inventions are still used today like the Alkaline Storage Battery, and the Electric-powered train.

Edison had hearing problems so when people were talking he couldn't hear them properly. His hearing problem started way back when, he was 7 years old, sickened by Scarlet Fever. At school he couldn't hear his teacher very well so his teacher recommended a school for children who had hearing problems like him. Throughout his life he had this one problem he tried not to let it get in the way of inventing.

Edison was always trying to make a living by finding a job to stick to but kept getting fired. Most of his jobs he got fired from. His first job he spilled some acid on the floor into his boss's office! The fifth job he surprisingly wasn't fired for a few years.

Almost all of his inventions are important to our life of today. Because of Edison people have phones and Light Bulbs. If Edison didn't invent the Light Bulb then people would be using candles at night, unless another inventor invented the Light Bulb instead of him. Edison invented so many things to help develop the world we all see today.

Sincerely,



Vincent

Thomas

Intelligent, loving, and creative

Husband of Mina and father of Madeline, Charles,
and Theodore

Who loved the telegraph, his family, and his life

Who experienced love for his two wives, happiness
for his invention being a success, and sadness when
his first died

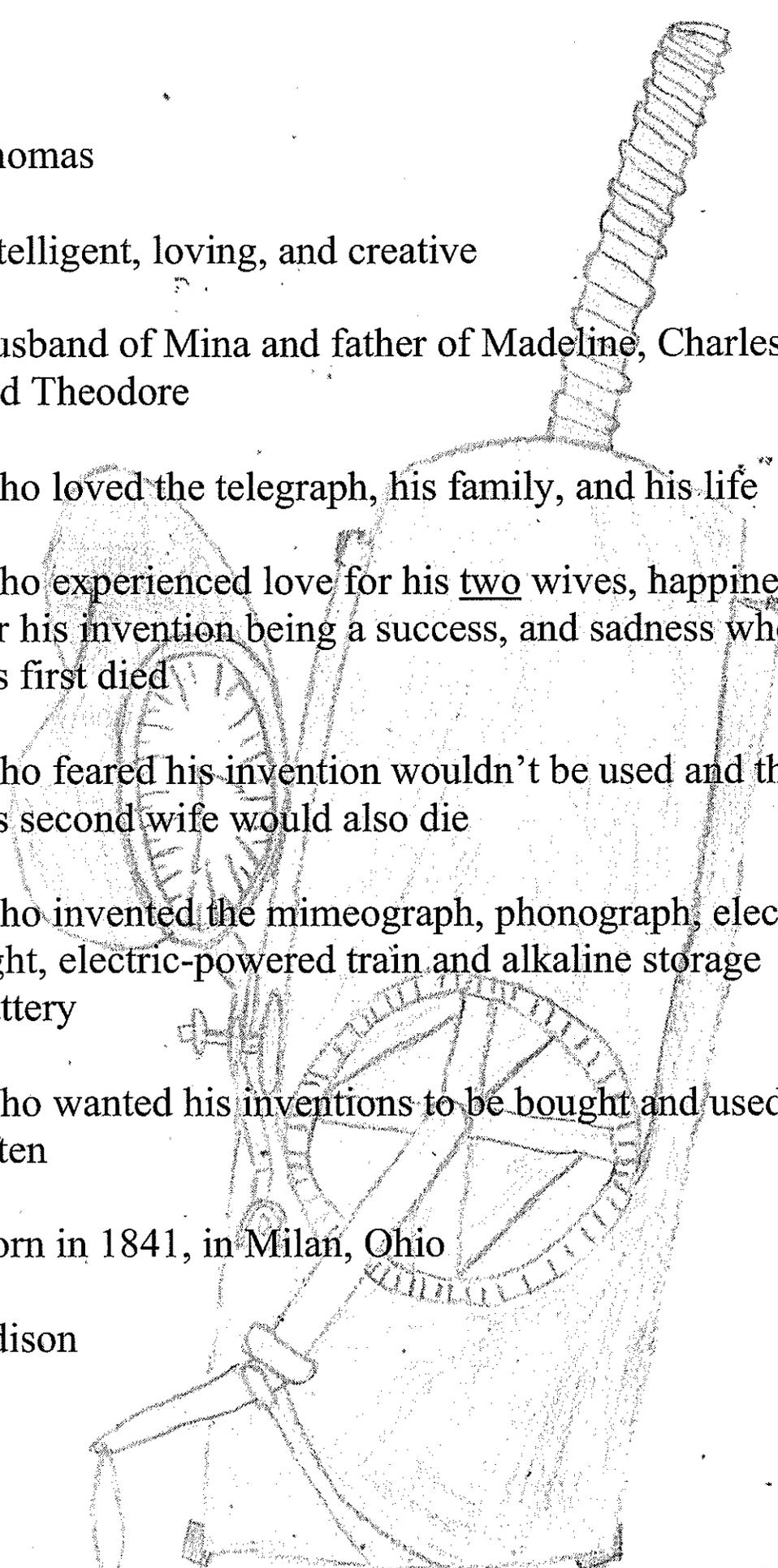
Who feared his invention wouldn't be used and that
his second wife would also die

Who invented the mimeograph, phonograph, electric
light, electric-powered train and alkaline storage
battery

Who wanted his inventions to be bought and used
often

Born in 1841, in Milan, Ohio

Edison



40 Kerr Road
Poughkeepsie, NY 12603
February 2, 2010

Mayra N. Montrose
Program Manager National Medal of Science
National Science Foundation
4201 Wilson Boulevard, Suite 1282 Mail Stop: Room 1270
Arlington, VA 22230

Dear Ms. Montrose:

I think Hippocrates, “the Father of Medicine”, should be nominated for the National Medal of Science Award for many reasons. The most important reason is that he changed the way that other doctors thought about the causes of disease and sickness. Other doctors during his time thought that sickness was punishment from the angry gods and would try to perform rituals and often painful procedures. For instance, if a patient complained of a headache, the doctor would drill a hole in their head to let out the evil spirits. Hippocrates thought very differently. He believed in the “healing power of nature” and that diseases and illnesses were naturally caused by patients not taking good care of their own bodies. He taught his patients to eat right, to get enough exercise and he recommended walking. Hippocrates once said, “if we could give every individual the right amount of nourishment and exercise, not too little and not too much, we would have found the safest way to health.” This kind of thinking changed the way that other doctors treated their patients.

Another reason why Hippocrates should win the National Medal of Science Award is that he believed that doctors can do a better job. During the time that Hippocrates was living, other doctors would not even wash their hands between operations. Hippocrates thought doctors should be clean and have a good environment for the patients. Hippocrates thought that if doctors themselves were in good health and they were clean and well dressed then their patients would think they were smart and well intentioned. Hippocrates spent a lot of time teaching his standards to students of medicine.

The most important reason Hippocrates should win the National Medal of Science Award is because he helped to create medicine as a profession and his standards were written into the Hippocratic Oath. The Hippocratic Oath states that doctors have to use their knowledge of medicine for good and not in any way to harm their patients. The Hippocratic Oath is taken by every medical student that wants to become a doctor. This oath protects all patients by making it unethical for doctors to use their medical skills to hurt someone intentionally.

In conclusion, I think Hippocrates should win the National Medal of Science Award because without him medicine would not be what it is today.

Sincerely,

Tucker

Tucker

Hippocrates

Caring, intelligent, determined

Son of Heraclides and Praxitela and father
of Draco and Thessalus

Who loved his parents and his life saving ideas

Who hated how other doctors dealt with illness, loved how
he could spend time with his children, and who hated
losing so many people to the nonstop plague

Who feared that he would die before he had a cure for the
plague and feared that his theories about medicine were
wrong

Who founded the Hippocrates School of Medicine and
developed principles known as the Hippocrates Oath

Who wanted to improve medicine for many so more would
be saved from the illness

Born in Cos, Greece

Magnetitedurkill

40 Kerr Road
Poughkeepsie, NY 12603
February 2, 2010

Mayra N. Montrose
Program Manager National Medal of Science
National Science Foundation
4201 Wilson Boulevard, Suite 1282 Mail Stop: Room 1270

Dear Ms. Montrose,

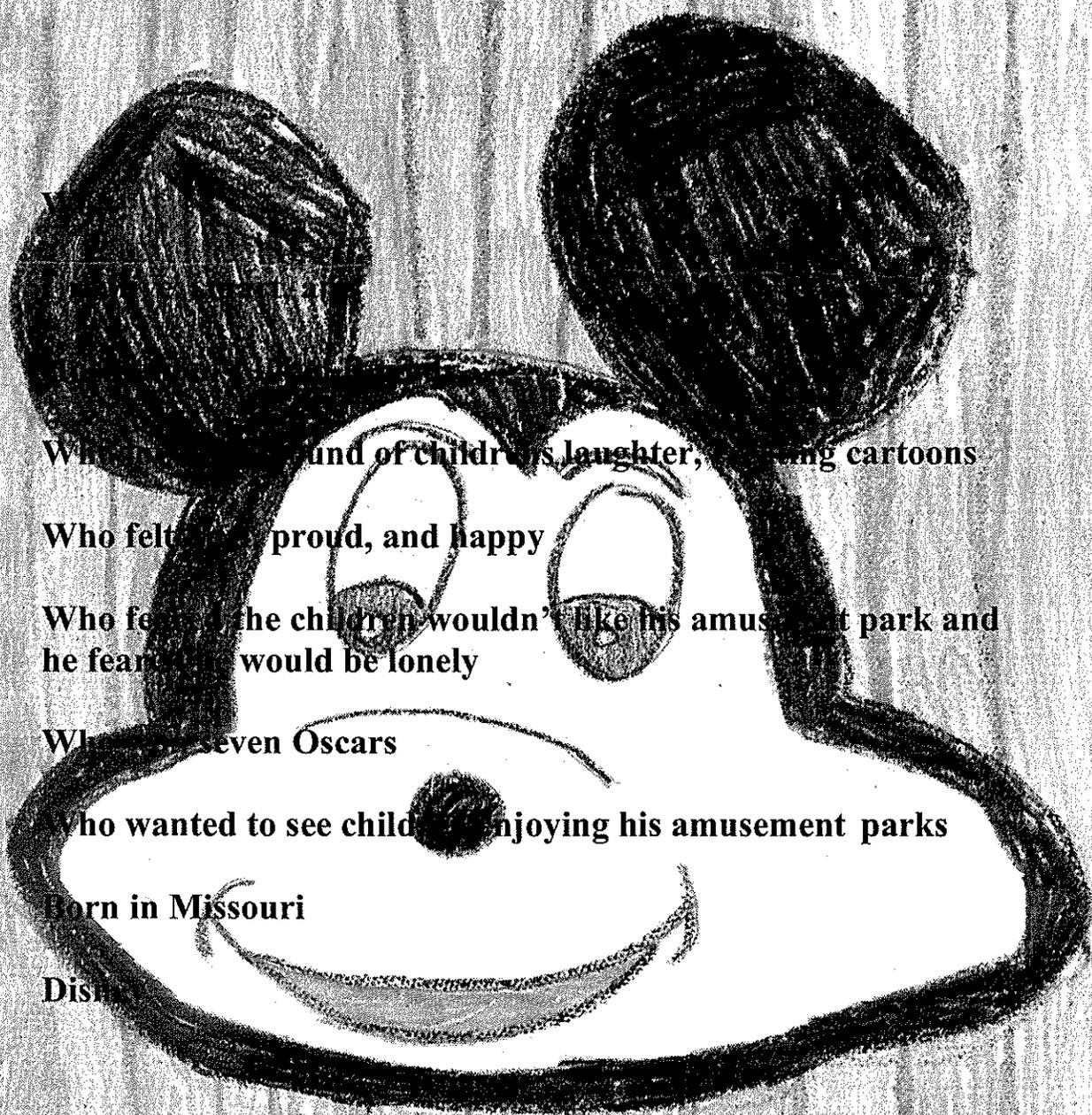
I think Walt Disney should win the National Medal of Science Award. Walt Disney created cartoons, like Mickey and Minnie Mouse. He should win because his cartoons are all over the world bringing joy and happiness to people.

Walt Disney made movies like Peter Pan. His first movie was Alice in Wonderland. When he was a kid his dad wouldn't let him draw or play with the other kids so after he finished high school he left and started his own business with his friend. During World War II he stopped working on the cartoons after it ended he started working on Alice in Wonderland, Cinderella, and Peter Pan.

Another reason is if you like his movies you should vote for the man who made it possible Walt Disney. He discovered the art of cartooning; he even tried a job in cartooning. When he was on the train he was trying to think of a character that kids will love, that's when Mickey Mouse was born. Walt Disney took an art lesson in Chicago at the Academy of fine arts. He also studied cartooning by mail. These are the reasons that Walt Disney should win the National Medal of Science Award.

Sincerely,

Ke Vaughn



Who brought a world of children's laughter, making cartoons

Who felt so proud, and happy

Who feared the children wouldn't like his amusement park and
he feared he would be lonely

Who won seven Oscars

Who wanted to see children enjoying his amusement parks

Born in Missouri

Dis

40 Kerr Road
Poughkeepsie, NY 12603
February, 2, 2010

Mayra N. Montrose
Program Manager National Medal of Science
National Science Foundation
4201 Wilson Boulevard, Suite 1282 Mail Stop: Room 1270
Arlington, VA 22230

Dear Ms. Montrose:

I believe George Ferris should win the National Medal of Science. He should win because he invented the Ferris wheel. His invention brought a new way of happiness.

The Ferris wheel is a safe and secure ride. There is a roof on top so nothing like snow or rain can fall in the carriages. Each carriage is made of super strong metal and glass. The Ferris wheel is held up by 4 super strong poles.

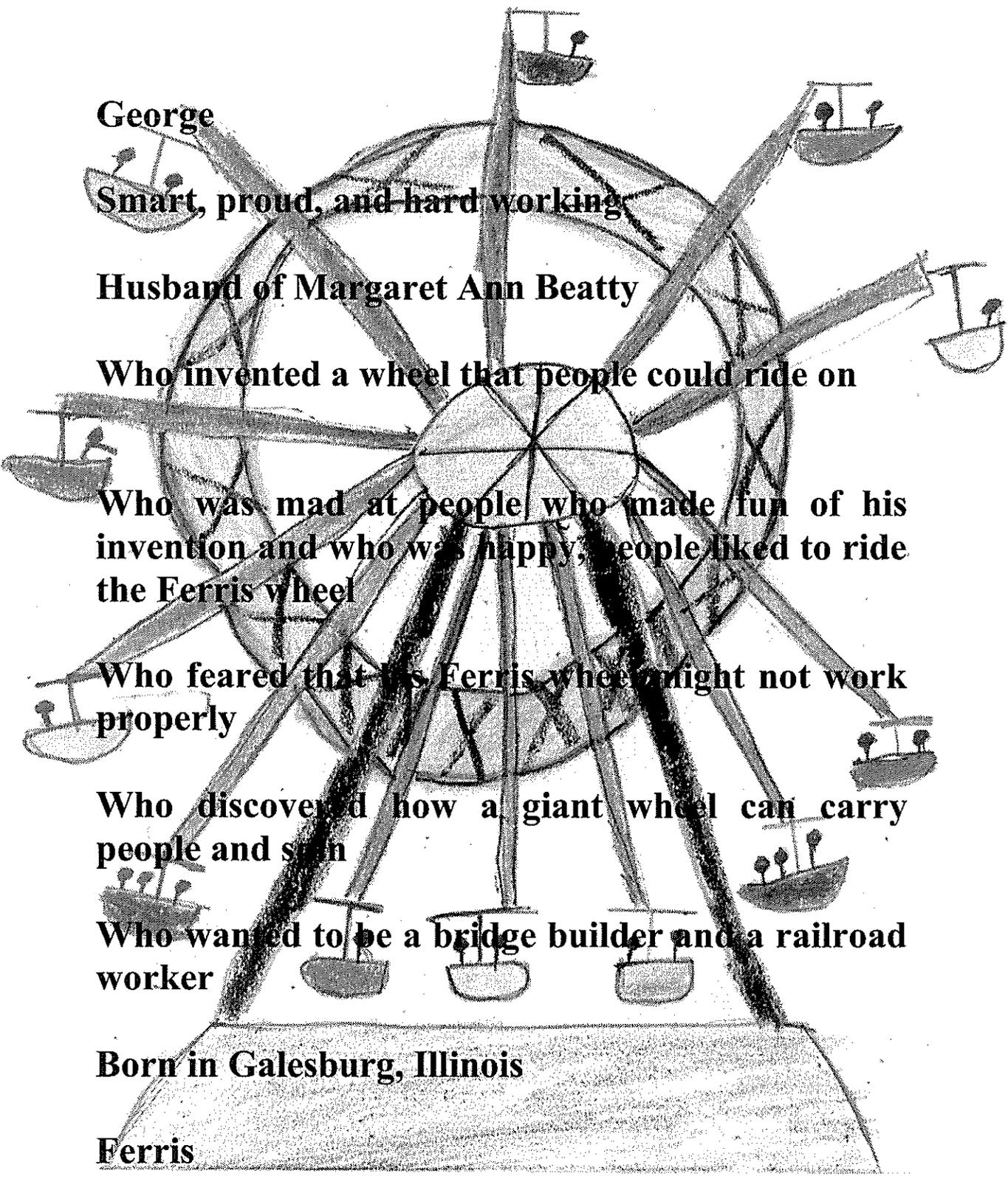
The Ferris wheel is a popular ride. Chicago Illinois state fair wanted to use the Ferris wheel. In one day over 14,000 people would ride the Ferris wheel. Everyone in the U.S. wanted to use the Ferris wheel in their own fair.

The Ferris wheel could hold up over 10,000 people at once. There over 50 carriages. Each carriage can hold up to 200 people at once. You would not have to wait that long in the line to ride the Ferris wheel.

In conclusion I believe my inventor George Ferris should win the National Medal of Science award. I think the Ferris wheel is a very unique ride. I believe his invention brought a new way of entertainment.

Sincerely,

Shane



George

Smart, proud, and hard working

Husband of Margaret Ann Beatty

Who invented a wheel that people could ride on

Who was mad at people who made fun of his invention and who was happy, people liked to ride the Ferris wheel

Who feared that his Ferris wheel might not work properly

Who discovered how a giant wheel can carry people and soon

Who wanted to be a bridge builder and a railroad worker

Born in Galesburg, Illinois

Ferris

40 Kerr Road
Poughkeepsie, NY 12603
February 2, 2010

Mayra N. Montrose
Program Manager National Medal of Science
National Science Foundation
4201 Wilson Boulevard, Suite 1282 Mail Stop: Room 1270
Arlington, VA 22230

Dear Ms. Montrose:

I think you should vote for Frank Zamboni for the National Medal of Science Award. You should vote for him because he invented the ice resurfacing machine. So make sure you vote for Frank Zamboni.

One reason you should vote for Frank Zamboni is because people would have gotten hurt on the ice if he hadn't make the ice smoother. You should vote for him because without his creation hockey, figure skating, and speed skating might of not even be a sport. Also, Frank started out building one of the largest ice rinks in the country and then he made a business with his machines.

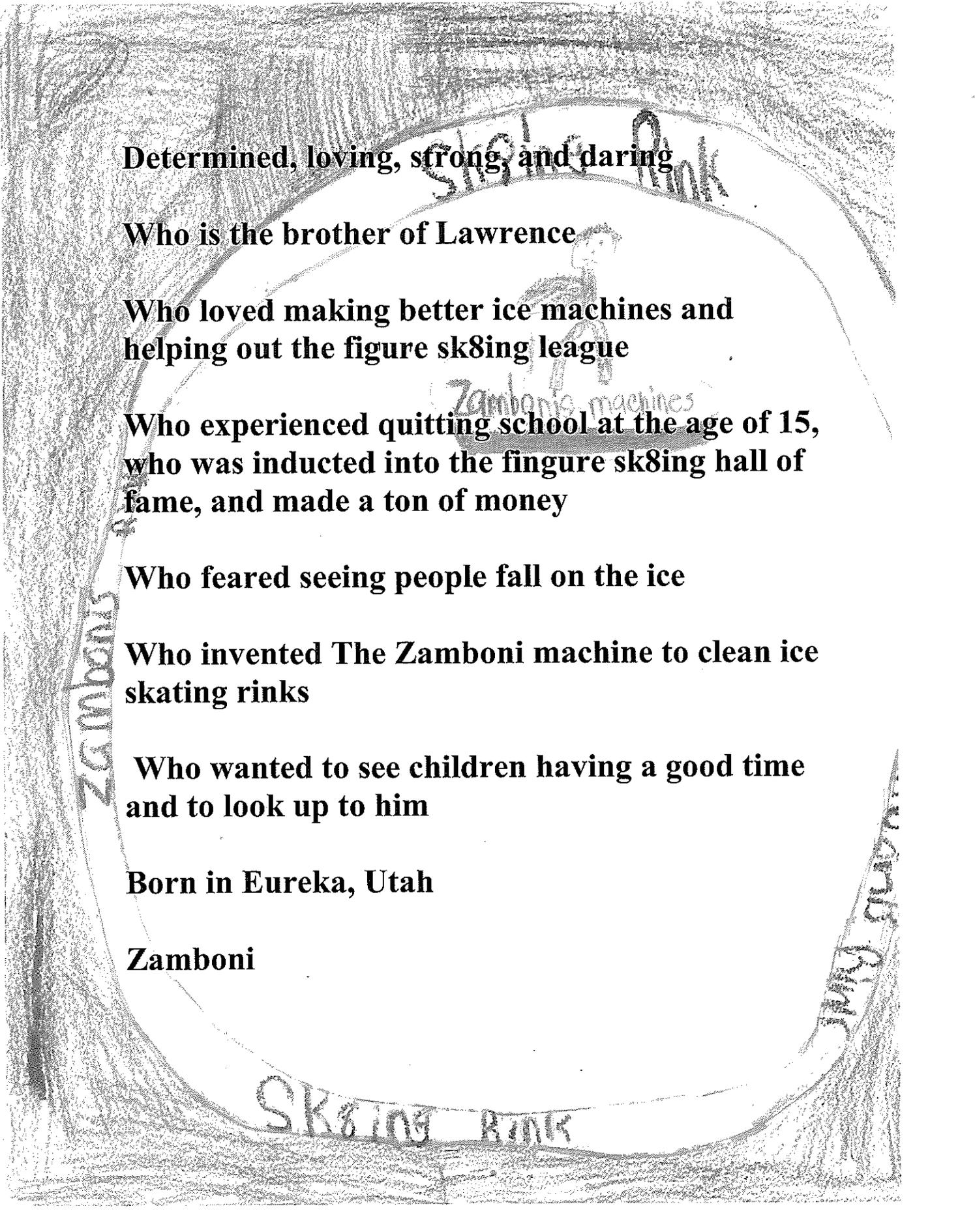
Before his machines he saw everybody skating on the lumpiest ice on the planet so he decided to make the ice resurfacing machine. He made a lot of money because kids wanted to ride the machine and grownups wanted to buy them. He did two things at once from making ice rinks to making his machines.

Frank also helped popularize the sports of hockey, figure skating, and speed skating. When he was making his machines he called them by model so the first one was model 1. Frank did a lot of things and people looked up to him. He made a lot of things like rinks and his machines. So make sure you vote for Frank Zamboni for the National Medal of Science Award.

Sincerely,



Clint



Determined, loving, strong, and daring

Who is the brother of Lawrence

Who loved making better ice machines and helping out the figure skating league

Who experienced quitting school at the age of 15, who was inducted into the figure skating hall of fame, and made a ton of money

Who feared seeing people fall on the ice

Who invented The Zamboni machine to clean ice skating rinks

Who wanted to see children having a good time and to look up to him

Born in Eureka, Utah

Zamboni

40 Kerr Road
Poughkeepsie, NY 12603
February 2, 2010

Mayra N. Montrose
Program Manager National Medal of Science
National Science Foundation
4201 Wilson Boulevard, Suite 1282 Mail Stop: Room 1270
Arlington, VA 22230

Dear, Ms. Montrose:

I think that Stephanie Kwolek should win the National Medal of Science Awards because she invented a bullet proof vest called Kevlar. and her mom died when she was 10 and her mom had a job faraway from their house so she had to look after her little brother after school. Kevlar saved thousands of lives.

The first reason is that without Kevlar police officers will have body armor that don't stop bullets as good as Kevlar. Without Kevlar police officers will have more chance of dying. Without Kevlar when police officers come to help you they can get wounded easier. When a police officer on a bike is chasing someone in a car and the car rams the bike and the bike flips Kevlar can save the police officer's life.

The second reason is that the military will have bad body armor. Without Kevlar there is more chance that we can lose wars. Without Kevlar when a country tries to invade us we won't be that strong. Without Kevlar more people will die or get wounded in wars. Kevlar is not only for stopping bullets it is also used for many sporting materials, cars and bridges. Kevlar is in brake pads and tires which is a very important part of a car. Kevlar is used in skateboards, hiking equipment, helmets, and many other sporting materials. Kevlar is used for bridge wires for support.

In conclusion, I think that Stephanie Kwolek should win the National Medal of Science Awards because she invented Kevlar and Kevlar saved many lives. Kevlar is also parts of many other important things. I also don't see any reason that she shouldn't win the National Medal of Science Awards.

Sincerely,

Hirota

Hirota

Stephanie

Smart, quiet, and patient

Daughter of John and Nellie

Who loved science and animals

Who experienced losing her dad, saving lives, and being famous

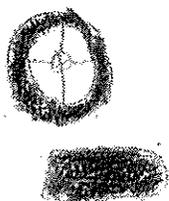
Who feared that her family would have no money, that Kevlar would be used in war, and that "the man" would never let her spin the liquid

Who invented Kevlar, graduated from The Carnegie Institute of Technology, and received the National Medal of Technology Award

Who wanted to be a doctor or a dressmaker in Paris

Born in New Kensington, Pennsylvania

Kwolek



40 Kerr Road
Poughkeepsie, NY 12603
February 2, 2010

Mayra N. Montrose
Program Manager National Medal of Science Award
National Science Foundation
4201 Wilson Boulevard, Suite 1282 Mail Stop: Room 1270
Arlington, VA 22230

Dear Ms. Montrose:

Albert Einstein should win the National Medal of Science Award because he made many theories in science. He also wrote four papers on the subject of physics and he also discovered $E=MC^2$.

My first reason why he should win is because he made many great ideas like the automatic doors. Without automatic doors people in wheel chairs would not be able to open the doors. The second reason why he should win is because he invented the equation $e=mc^2$. Which means, Energy = mass the speed of light squared, this equation is supposed to be relevant to space travel. My last reason is that he wrote many different theories about physics. He wrote about his theory on how the sky is blue. His answer was the sky is blue because of the different light molecules gathered together is what makes it blue. Next, he wrote four essays all on the universe.

In conclusion, Albert Einstein should win the National Medal of Science Award. He deserves this because he was an amazing scientist. Albert Einstein was and still is the best scientist on earth.

Sincerely,

Olivia

Albert

Crazy, smart, funny, and bed head

Husband of Mileva and father of Hans and Eduard

Who loved science, experiments, and space

Who experienced love, happiness, and hatred

Who was afraid of the Russian government

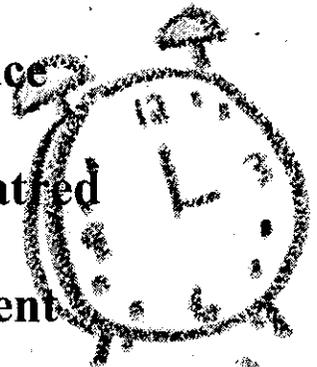
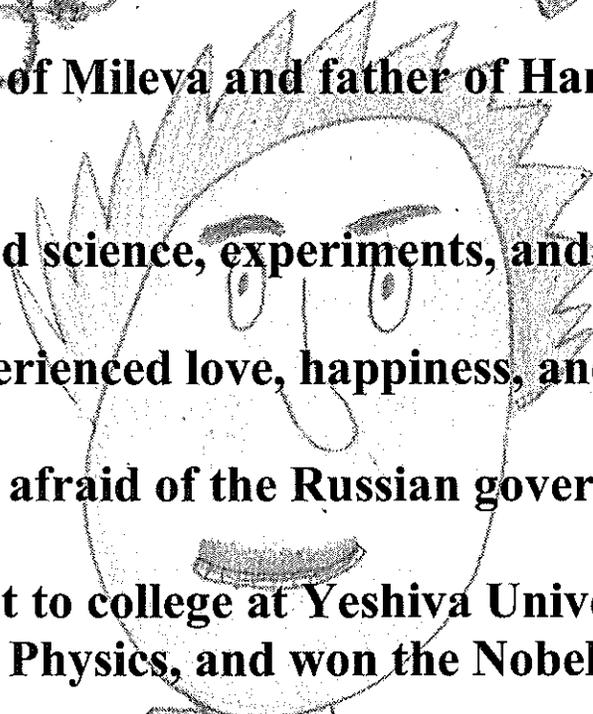
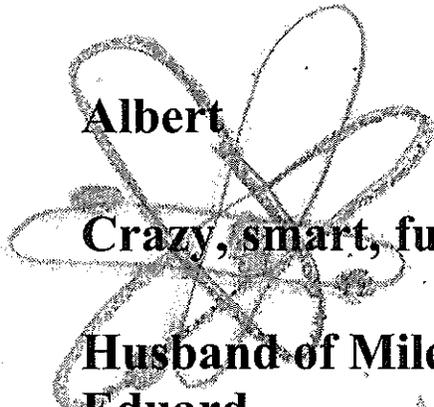
Who went to college at Yeshiva University, got a degree in Physics, and won the Nobel Prize in 1921

Who wanted new things in the future and for people to remember him as the man who invented $E=mc^2$

Who was born in Ulm, Germany

Einstein

$E=mc^2$



$\frac{10}{10}$

TECHNIX



40 Kerr Road
Poughkeepsie NY, 12603
February 2, 2010

Mayra N. Montrose
Program Manager National Medal of Science
National Science Foundation
4201 Wilson Boulevard, Suite 1282 Mail Stop: Room 1270
Arlington, VA 22230

Dear Ms. Montrose:

I believe Theodore H. Maiman should win the National Medal of Science Award. The reason why he should win is because he invented the laser. He also received awards for his invention. There are many other reasons why he should win.

The first reason is the laser is used for medical use. The laser is used to perform delicate eye surgery. The laser also lets surgeons operate without causing bleeding. For example, the laser is used to erase birthmarks.

My second reason is that the laser is used in outer space. First, the laser is used to measure the distance from the Earth to the Moon. The second way the laser is used is to guide the spacecraft. Lastly, the laser is used for cutting steel and other metals.

The last reason why he should win is other scientists use the laser. First, they use them to weld metal together. Next, they use the laser to burn holes in diamonds. And they use the laser to perform experiments. That is my last why he should win the award.

In Conclusion, I think Theodore H. Maiman should win the National Medal of Science Award. Without his invention, many things won't be the same. For examples, without the laser we wouldn't be able to scan items at the supermarket or have laser eye surgery. That is why Theodore H. Maiman should win the National Medal of Science Award.

Sincerely,

Irving

Irving

Theodore

Memorable, careful, and independent

Son of Abe and Rose and Husband of Kathleen

Who invented the ~~laser~~ who loved to use rubies for his inventions, and proud that he attended Stanford University

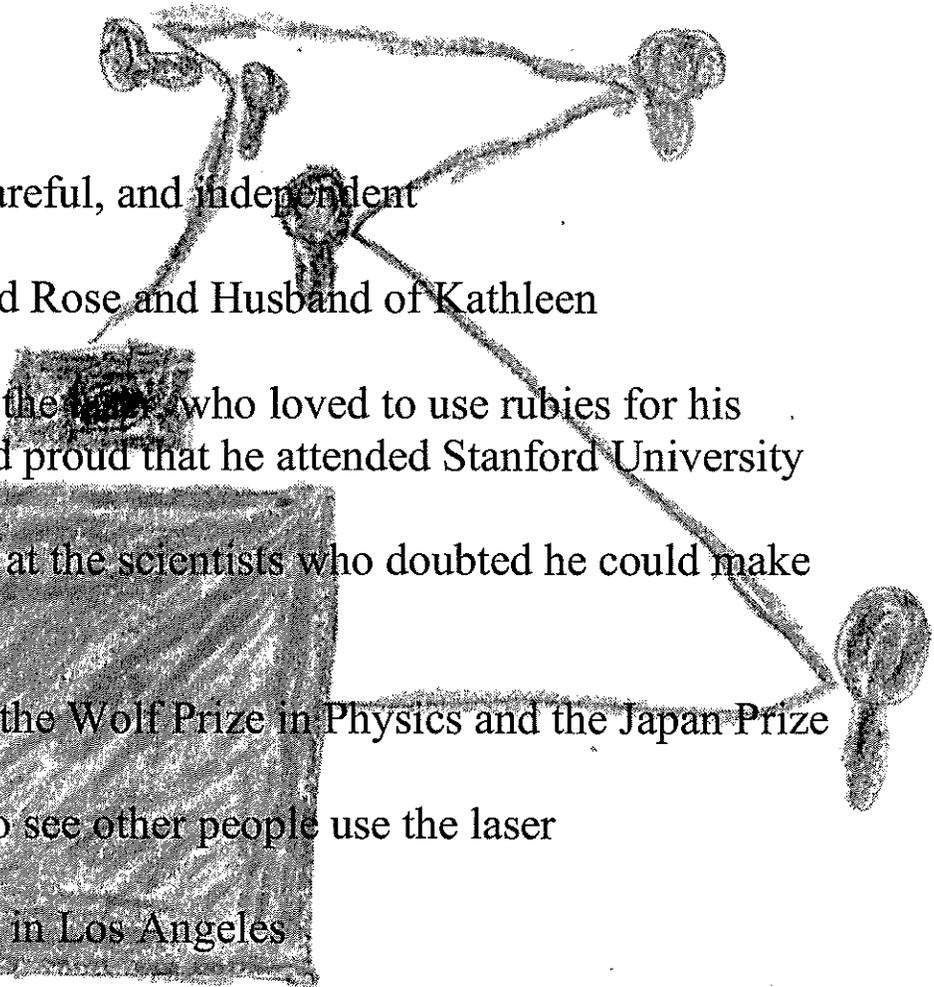
Who was mad at the scientists who doubted he could make a laser

Who received the Wolf Prize in Physics and the Japan Prize

Who wanted to see other people use the laser

Who was born in Los Angeles

Maiman



40 Kerr Road
Poughkeepsie, NY 12603
February 2, 2010

Mayra N. Montrose
Program Manager National Medal of Science
National Science Foundation
4102 Wilson Boulevard, Suite 1282 Mail Stop: Room 1270
Arlington, VA 22230

Dear Ms. Montrose:

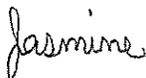
James Naismith deserves the National Medal of Science Award for inventing the game of basketball in 1891. He had been interested in sports since he was a young child in Canada. While working at the YMCA training school, he asked to create an indoor sport to be played during the winter months. It took him twelve days to create the sport of basketball using soccer balls and peach baskets. Eventually rope baskets were used and backboards were added.

The sport of basketball is important because it keeps the body fit and healthy. Playing basketball is a good way to stay active. When you stay active, the body burns off fat. It is healthy to drink water when playing sports like basketball. Basketball is a sport that can be played all year round. It can be played outdoors and indoors. One of the extra bonuses about basketball is that it can be played inside during the winter months when it is usually too cold, snowy and icy to be played outdoors.

A lot of team work is needed to play basketball. It demonstrates teamwork because the ball has to be passed from one player to another. The goal is to keep the ball away from the other team and pass it back and forth between your teammates to get the ball into the basket.

James Naismith created the sport of basketball in 1891. Basketball is now played around the world. Basketball was invited to be played in the Olympics in Berlin Germany in 1936. According to Wikipedia Online Encyclopedia, basketball is the second most popular sport after football and more Americans play basketball than any other sport. He deserves the National Medal of Science Award for his amazing contribution to a sport played around the world.

Sincerely,



Jasmine

James

Smart, athletic, hard working

Husband of Maude

Who loved his wife and having fun

Who invented basketball

Who felt happy because he got married and because he had a good education

Who feared dying and people not liking basketball

Who wanted to have kids and for basketball to become a national and Olympic sport

Born in Ontario Canada

Naismith

40 Kerr Road
Poughkeepsie, NY 12603
February 2, 2010

Mayra N. Montrose
Program Manager National Medal of Science
National Science Foundation
4201 Wilson Boulevard, Suite 1282 Mail Stop: Room 1270
Arlington, VA 22230

Dear Ms. Montrose:

Albert Einstein should definitely win the National Medal of Science Award. There is no reason why he shouldn't win. Albert Einstein invented his famous Theory of Relativity.

Relativity is the motion of gravity throughout the universe. I think without Albert Einstein the world would never be the same. Without understanding relativity we wouldn't know about the universe. Albert Einstein thought that the universe was like a giant balloon and it hit certain boundaries.

Albert Einstein's idea was the sun's gravity should change the course of light rays from distance stars as those rays pass through, the sun. Albert Einstein used a solar eclipse to prove his theory. Scientist used this theory to help figure out how the universe was created. Albert Einstein refers Relativity to $E=mc^2$.

Albert Einstein was a professor and a student at University of Zurich. This is why Albert Einstein should win the National Medal of Science Award.

Sincerely,

Amani

Amani

$$E = mc^2$$

Albert

ALBERT Einstein

Funny, brainstormer, and thinker

Husband to Mileva and Elsa and Father of Eduard and Hans

Who loved when his theories came true

Who experienced failing at many inventions, moving up to a higher grade in school, and moving to Germany to live with his family

Who got kicked out of school, got a divorce and failed at some of his experiments

Who accomplished the theory of relativity

Who wanted to experience getting a theory right and being a professor

Born in Ulm, Germany

Einstein

40 Kerr Road
Poughkeepsie, NY 12603
February 2, 2010

Mayra N. Montrose
Program Manager National Medal of Science
National Science Foundation
4201 Wilson Boulevard, Suite 1282 Mail Stop: Room 1270
Arlington, VA 22230

Dear Ms. Montrose:

Guglielmo Marconi should win the National Medal of Science Award. Guglielmo dedicated his life to creating the wireless receiver. He inspired and improved on many engineers ideas. He is most famous for inventing the wireless receiver.

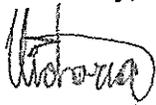
In the 1800's, World War I had begun. Many battles were fought at sea. There was no way to communicate once you were at sea. Troops were forced to make plans before they set out on the water. There were problems. What if their plan was failed? One of the ships could've got lost, and there was no way to find them. So Marconi invented a wireless product that goes in a ship or an airplane.

If Marconi never invented the wireless receiver, we wouldn't have any game systems. For example, the Wii, the Xbox 360, or any other type of system that requires wireless connection. We also wouldn't have cell phones. When you use the internet, you are using wireless connection too.

About every where you go, you hear music. Whether it's on the radio or on CD-ROMS. You need wireless connection to get a radio station. News stations, sports stations, and music stations are all very useful. On news stations people talk about politics, weather and traffic. This is useful because if there is a traffic jam on your way to work, you could find a different route. On sports stations, you can listen to all of the games you are looking forward to see. Finally, music stations are the most popular station. There is music played all day long and you could win various prizes on the radio.

Marconi's inventions are still used today, and for many years to come. He has changed the way we think of our economy and technology. Guglielmo Marconi has changed the way we live our daily lives today.

Cordially,

A handwritten signature in black ink, appearing to read "Victoria", written in a cursive style.

Victoria

Guglielmo

Confident, humorous, and determined

Husband of Bea and Maria, son of Giuseppe and Annie, brother of Alfonso and Luigi, father of Degna, Giulio, and Elettra

Who loved family, friends, and technology

Who experienced discrimination, passion, and love

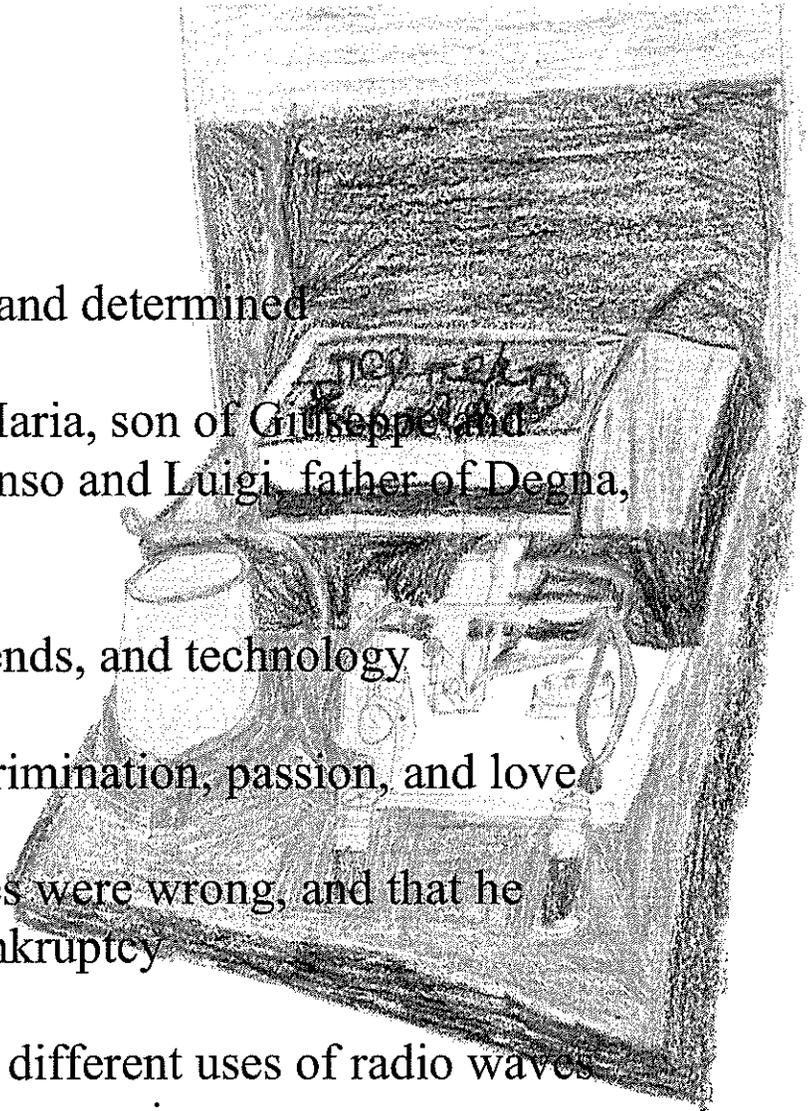
Who feared his theories were wrong, and that he would have to face bankruptcy

Who discovered many different uses of radio waves and invented the wireless receiver

Who wanted to see radio waves fly across the Atlantic Ocean and experience the feeling of having a family

Born on April 25th outside of Bologna, Italy

Marconi



40 Kerr Road
Poughkeepsie, NY 12603
February 2, 2010

Mayra N. Montrose
Program Manager National Medal of Science
National Science Foundation
4201 Wilson Boulevard, Suite 1282 MailStop: Room1270
Arlington, VA 22230

Dear Ms. Montrose

Henry Ford should win the National Medal of Science Award. He made the assembly-line and the first car. He was a very smart man and a great inventor! Ford also started mass production.

Henry's first automobile was invented in 1896. It was called the Model T. 15, 500, 000 model T's were sold in the United States only. The Ford motor company opened in 1903. Henry Ford built and drove race cars to demonstrate that his engineering designs produced reliable vehicles. He also made planes. The best known is the 4AT Trimotor.

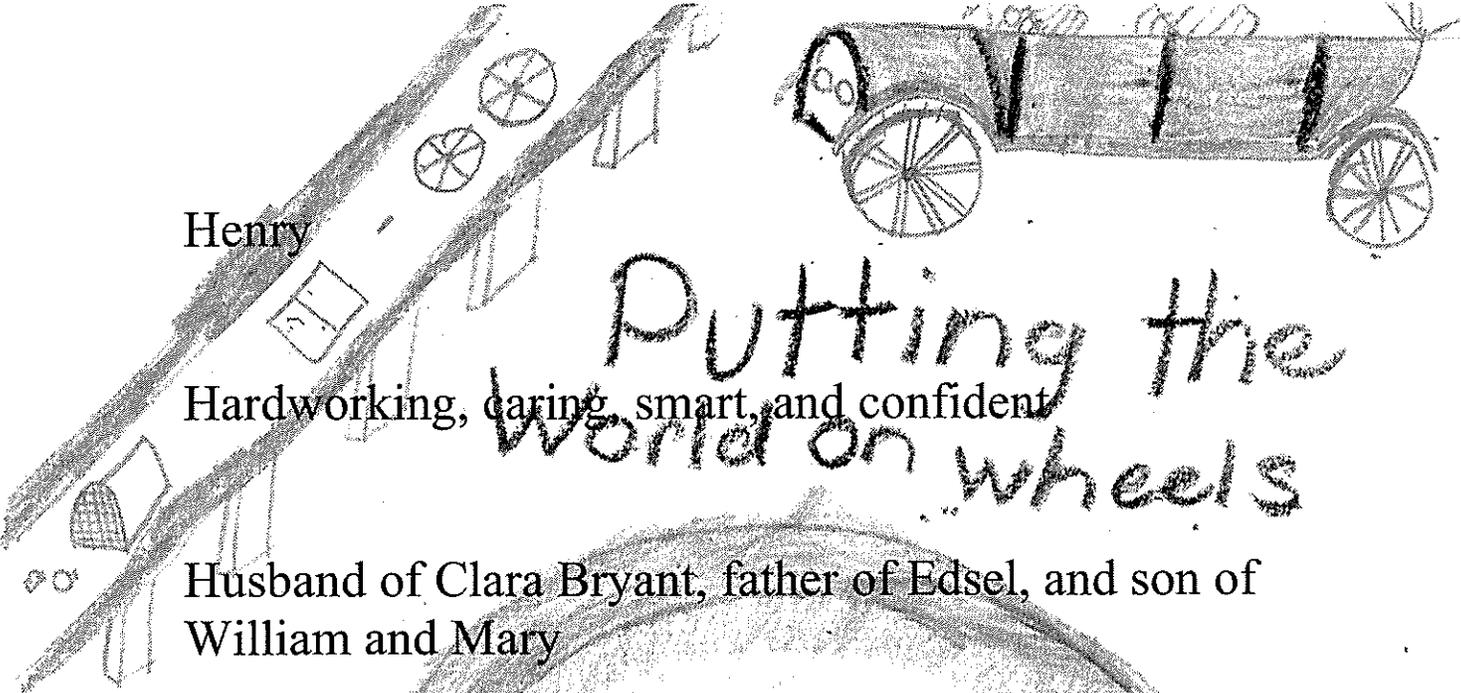
The assembly-line helped make machines faster. It took a lot longer to make machines before he made the assembly-line. Workers would just have to click on a part of a machine instead of walking the whole factory. It's easier to make machines with the assembly-line.

Ford made all kinds of things to help the United States win World War I and II. He made ambulances for when a soldier got hurt or just a regular person. Henry Ford also made steam turbines to get around faster. He made steamboats so soldiers could get through water faster. He produced bombers, jeeps, and tanks.

People could get around faster with cars. People in our time might have not thought of making cars if Ford didn't come up with it. You would have to walk everywhere. You would be so tired after walking everywhere. As we all know the Fords Company still goes on today. He died on April 7th 1947 at age 84. These are the reasons that Henry Ford should receive the National Medal of Science.

Sincerely,

Aiden



Henry

Hardworking, caring, smart, and confident

Putting the World on wheels

Husband of Clara Bryant, father of Edsel, and son of William and Mary

Who loved to work on his cars and he liked to see how things worked .

Who hated war and loved school

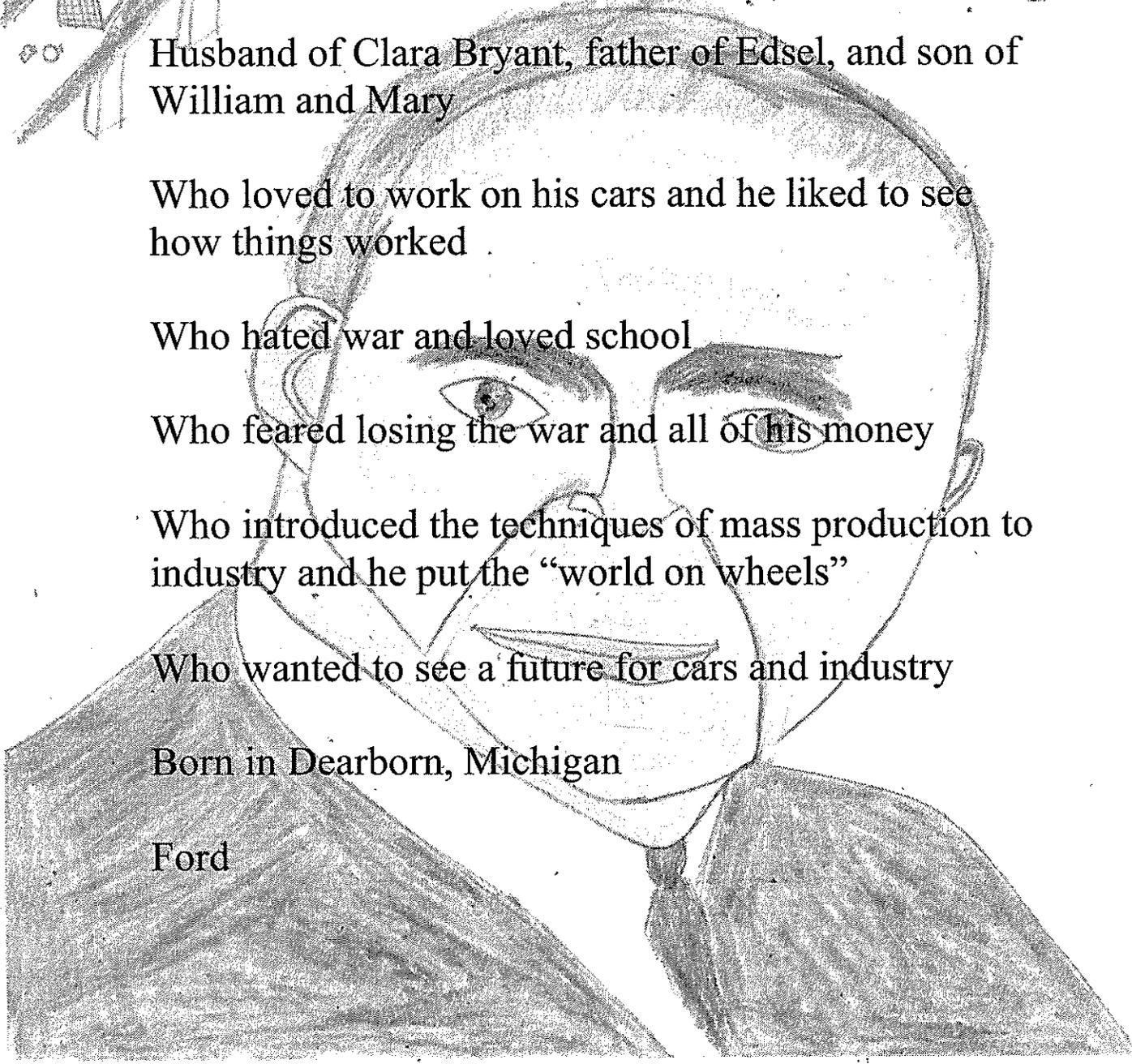
Who feared losing the war and all of his money

Who introduced the techniques of mass production to industry and he put the “world on wheels”

Who wanted to see a future for cars and industry

Born in Dearborn, Michigan

Ford



40 Kerr Road
Poughkeepsie, NY 12603
February 2, 2010

Mayra N. Montrose
Program Manager National Medal of Science
4201 Wilson Boulevard, suite 1282 Mail Stop: Room 1270
Arlington, VA 22230

Dear Ms. Montrose,

Charles Babbage should win the National Medal of Science Award. He should win because he invented the computer. The computer has helped us in many ways.

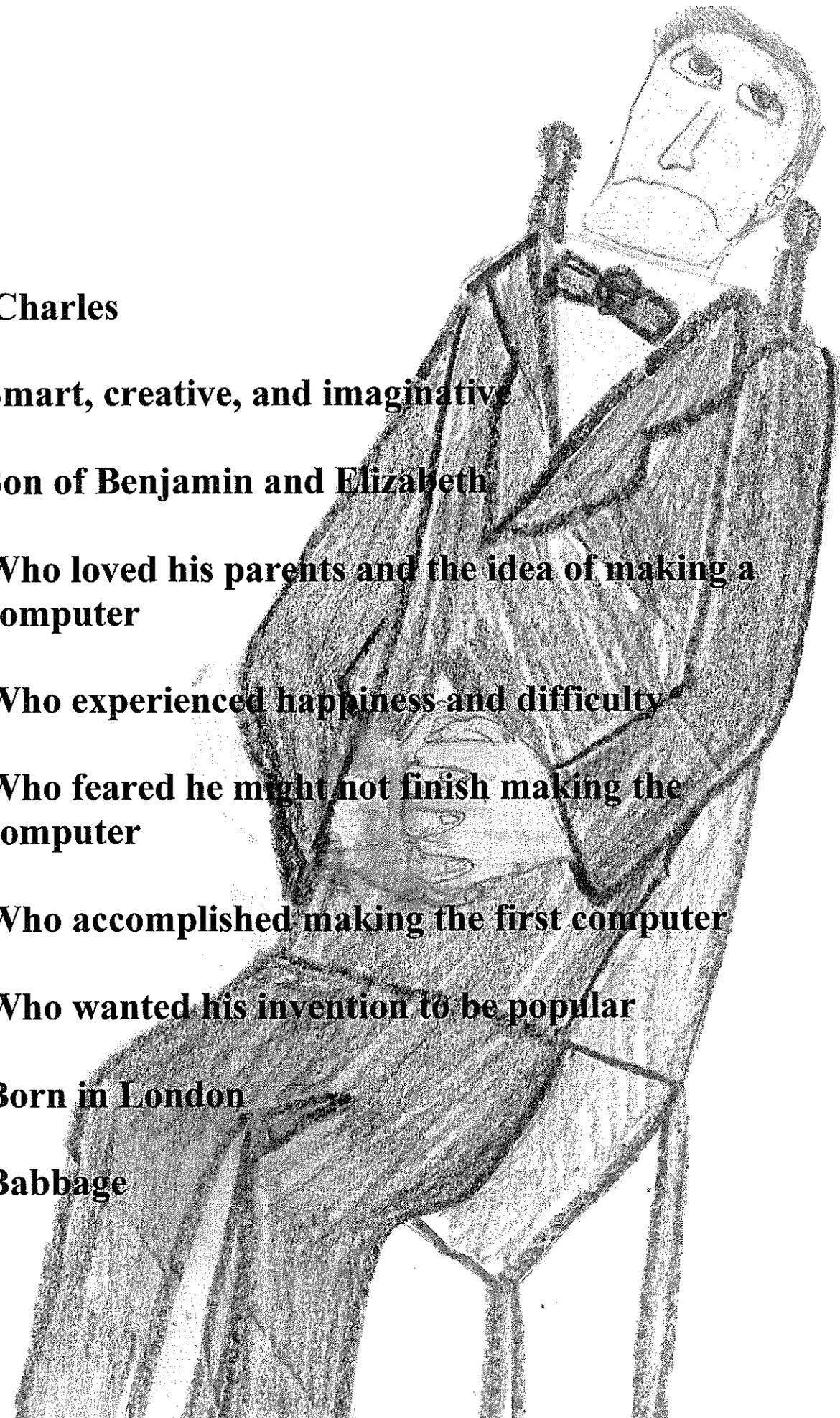
One reason would be computers are very smart. Computers let you explore the internet and talk to people in different areas. They even let you look at maps and diagrams of any were and any thing in the world. A second reason is that are very popular. Lots of people use them. Computers are shipped and sold all over the world. We use computers today. Lastly, computers can store lots of data and information. Computers have files on people and places. If you needed to do research on a person or a place, you can look on a computer

That's why Charles Babbage should win the National Medal of Science Award. His invention was one of the greatest inventions ever. The computer had a huge impact on today. Charles Babbage was a very intelligent person.

Sincerely,

A handwritten signature in black ink, appearing to be the name 'Tyler' written in a cursive style.

Tyler



Charles

Smart, creative, and imaginative

Son of Benjamin and Elizabeth

Who loved his parents and the idea of making a computer

Who experienced happiness and difficulty

Who feared he might not finish making the computer

Who accomplished making the first computer

Who wanted his invention to be popular

Born in London

Babbage

40 Kerr Road
Poughkeepsie, NY 12603
February 2, 2010

Mayra N. Montrose
Program Manager National Metal of Science
National Science Foundation
4201 Wilson Boulevard, Suite 1282 Mail Stop: Room 1270
Arlington, VA 22230

Dear Mrs. Montrose,

Henry Ford should win the National Metal of Science Award!

The first reason he should win is that he invented many types of cars. The first car that he made was the Quadricycle. Many other cars he produced while at his company, the Ford Motor Company. The most popular car that he invented was the Model T. By 1932, the Ford Motor Company was producing one third of the world's automobiles.

One impressive car he invented was the Arrow. This is the car that beat the mile in a minute record and did it on ice! How amazing! In the 1900s Henry set another record on land for driving over 91 miles per hour! For a car, in those days, that was really impressive for a car!

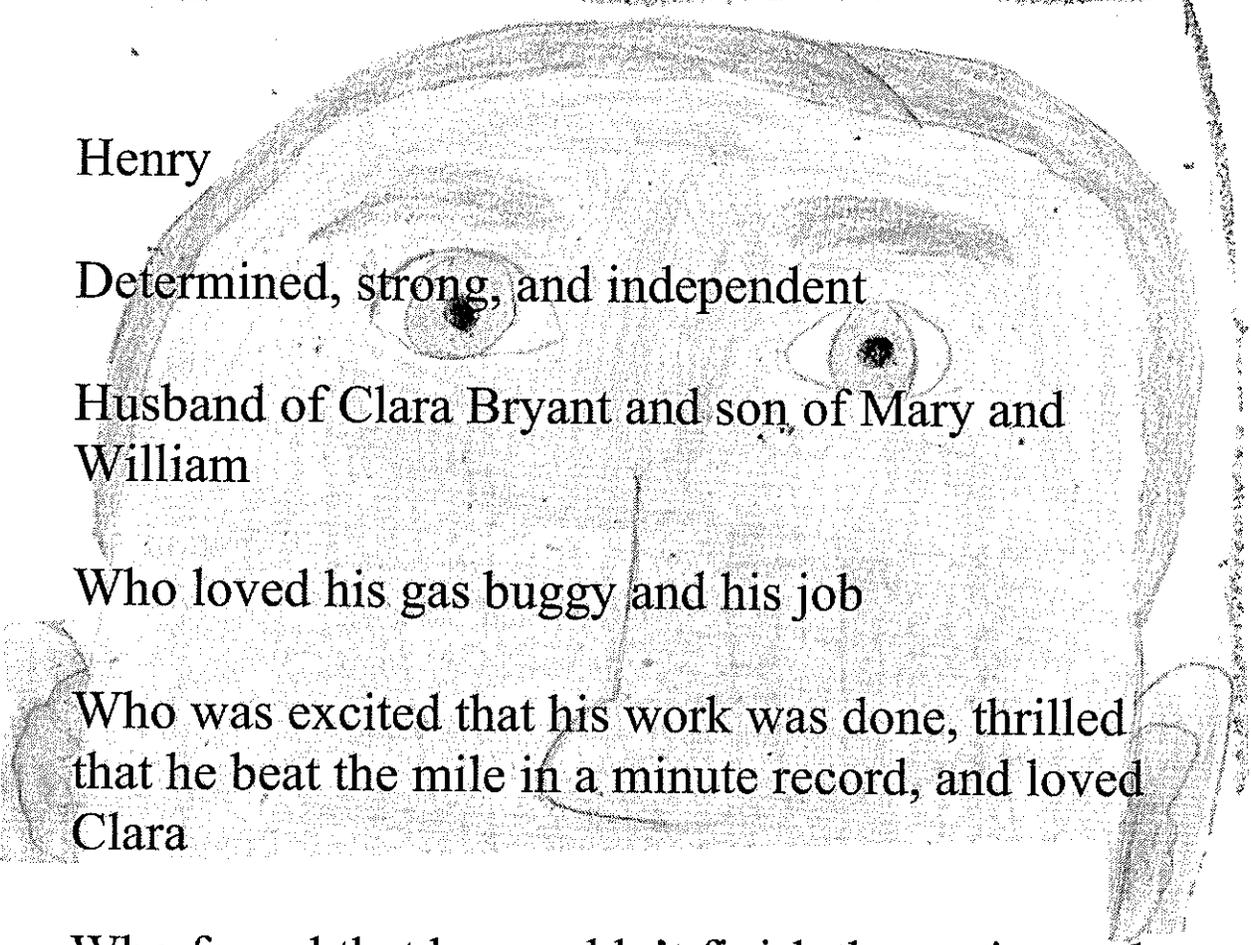
Henry Ford did not just live for cars he also made a monoplane with his son Edsel. This plane was special because it was made with the engine of the Model T. Another plane that he invented was the Ford 4AT Trimotor. This was a 3 engine air plane. The Smithsonian Institution honored Henry Ford for his work on developing air crafts.

The last reason he should win is that he invented the assembly line. The assembly line is the fastest way to make cars. He was also the first to use conveyor belts. The moving assembly line helped Ford to make many more cars than any other company. He was named The Father of Modern Assembly Line. Even today, many companies still use the assembly line to make products quickly.

Sincerely,

A handwritten signature in cursive script that reads "Amanda".

Amanda



Henry

Determined, strong, and independent

Husband of Clara Bryant and son of Mary and William

Who loved his gas buggy and his job

Who was excited that his work was done, thrilled that he beat the mile in a minute record, and loved Clara

Who feared that he wouldn't finish the engine and that he would run out of money

Who invented the assembly line and gas buggy

Who wanted to see everyone driving his Model A, Model B, Model C, Model T, and his Arrow being driven by lots of people

Who lived in Detroit

Ford

40 Kerr Road
Poughkeepsie, NY 12603
February 2, 2010

Mayra N. Montrose
Program Manager National Medal of Science
National Science Foundation
4201 Wilson Boulevard, Suite 1282 Mail Stop: Room 1270
Arlington, VA 22230

Dear Ms. Montrose:

Marie Curie should win the National Medal of Science Award. She discovered radium and polonium. Her discovery is important because without it we wouldn't have had some medical solutions, like radiotherapy, which is a cancer treatment.

Firstly, she isolated pitchblende ore and found two new elements. She discovered radium and polonium. She named radium after the sun's rays and polonium after her home Poland.

Next, she won numerous awards. Marie Curie was also given gold medal awards, although her greatest accomplishment was getting two Nobel Prizes, one in physics, and the other in chemistry.

Finally, Marie Curie helped a lot of people. During World War I, she equipped a mobile x-ray unit to help soldiers in war. She made x-rays stronger by adding radium to it. She led women to become scientists, because after she died, people realized that women and men are created equal.

In conclusion, I think that Marie Curie should win the National Medal of Science Award. She discovered radium and polonium, won a lot of awards, and helped a lot of people. Marie Curie's discovery is a very important woman.

Cordially,

A handwritten signature in cursive script that reads "Camille".

Camille

Marie

Intelligent, hard working, scientific, brilliant

Daughter of Bronislawa and Wladislaw Sklodowski,
sister of Zosia, Jozef, Bronia, and Helena, and mother
of Irene and Eve

Who loved learning, reading, and making new
discoveries

Who experienced sadness when her parents died,
prejudice because girls weren't counted as much as
men, and excitement when she finally discovered
radium and polonium

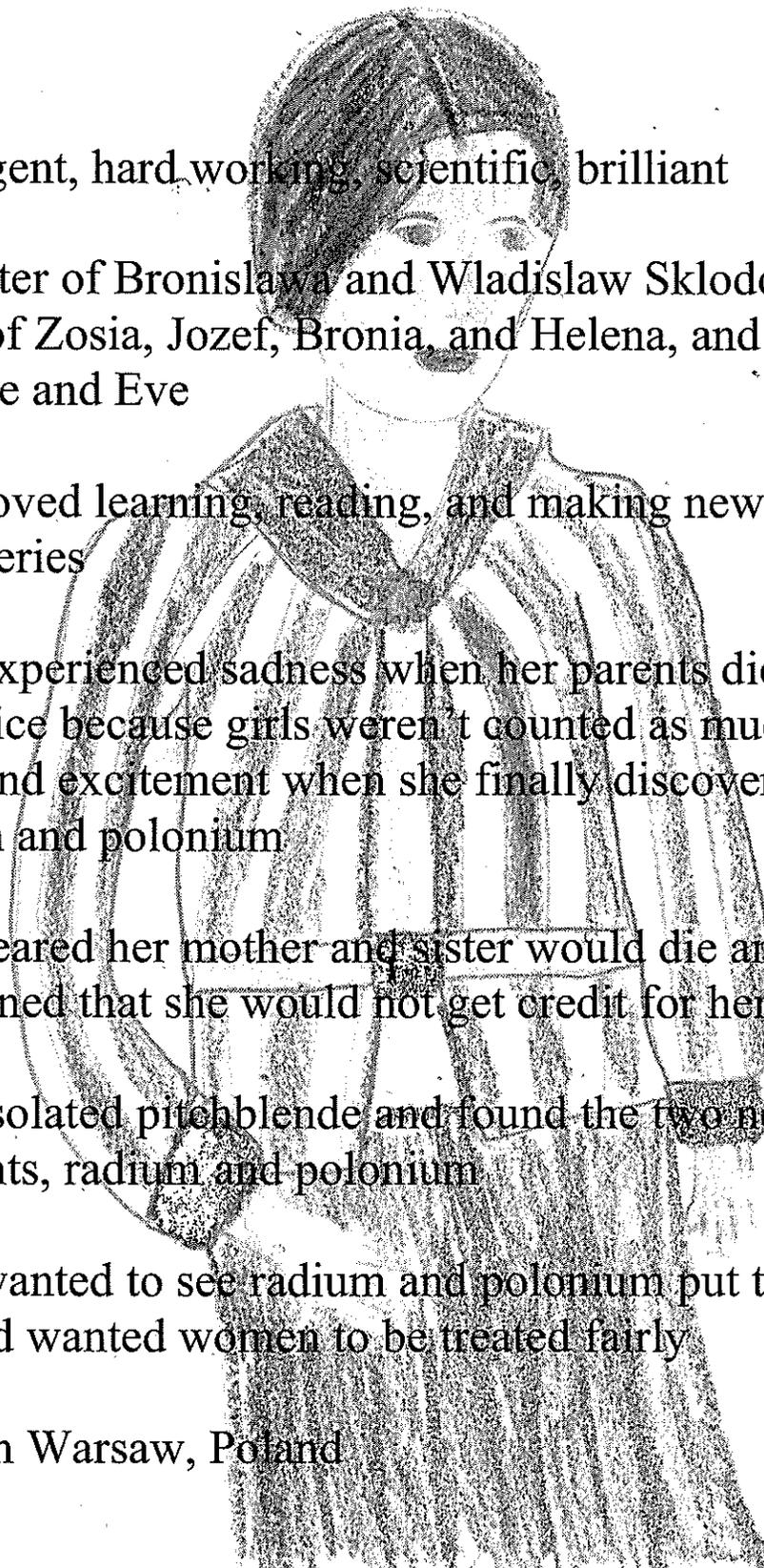
Who feared her mother and sister would die and was
concerned that she would not get credit for her work

Who isolated pitchblende and found the two new
elements, radium and polonium

Who wanted to see radium and polonium put to good
use and wanted women to be treated fairly

Born in Warsaw, Poland

Curie



40 Kerr Road
Poughkeepsie, NY 12603
February 2, 2010

Mayra N. Montrose
Program Manager National Medal of Science
National Science Foundation
4201 Wilson Boulevard, Suite 1282 Mail Stop: Room 1270
Arlington, VA 22230

Dear Ms. Montrose:

Albert Einstein should win the National Medal of Science Award because he improved the world of Physics. Albert Einstein was arguably the best scientist of all time. Albert Einstein also was a popular professor who taught Physics.

Albert Einstein made his own theory about Physics. His theory was called the General Theory of Relativity which was a theory about gravity. His theory was proved right by a man named Arthur Eddington and Einstein was famous in places across the globe. In 1921, Albert Einstein won the Nobel Prize for Physics.

Albert Einstein believed in world peace. Albert Einstein thought it was horrible that scientists had to be soldiers.. Albert Einstein also thought it was terrible that scientists were making weapons to win World War I. He felt he could not share his ideas with other scientists because of the war.

Albert Einstein was a popular professor who taught Physics. Albert Einstein urged his students to ask questions and think for themselves. He helped his students when they came to him for help. Albert Einstein also used good-natured jokes to make his students want to pay attention.

In conclusion, Albert Einstein deserves to win the National Medal of Science Award for many reasons. He was a great scientist and an enthusiastic one at that. Albert Einstein helped define a great scientist, himself. This is why Albert Einstein should win the National Medal of Science Award.

Sincerely,

A handwritten signature in cursive script, appearing to read "Cole".

Cole

Albert

Intelligent, important, bold

Husband of Meliva and Elsa and father of Hans and Eduard

Who loved his theory called, The General Theory of Relativity, loved his family, and loved his thoughts

Who felt upset about World War I and II because he believed in world peace, felt happy when his first son was born, and felt sad when his first wife divorced him

Who feared Nazi troops would capture him and kill him and feared he wouldn't get a good education

Who accomplished making the General Theory of Relativity and winning the Nobel Prize for Physics in 1921

Who wanted to make another theory but died while trying to construct it

Born in Germany and died in the United States of America.

Einstein

40 Keer Road
Poughkeepsie, NY 12603
February 2, 2010

Mayra N. Montrose
Program Manager National Medal of Science
4201 Wilson Boulevard, Suite 1282 Mail Stop: Room 1270
Arlington, VA 22230

Dear Ms. Montrose:

I think Edwin Binney should win the National Medal of Science Award because he invented many things for teachers and school kids. For example, he made dustless chalk and the best crayons of the 1800's. Edwin's Dustless chalk won a gold medal for being a great new invention in St. Louis Missouri in 1904.

Teachers wanted to write with chalk that didn't fall apart easily. Edwin's wife was a school teacher and didn't like the chalk she was using because it would turn to dust and would break. The chalk was more money than it was worth. The children had to use slates so when he invented dustless chalk they could use it. Edwin invented anti-dust-aseptic chalk.

Edwin also invented crayons that were inexpensive for school kids to draw with. Before crayons, children had to color with clumps of clay. He named the crayons, Crayola Crayons, which he and his wife came up with. He would sell his crayons for only five cents for one pack of crayons. Eight crayons came in one pack. His crayons were cheap and weren't as messy as clay.

Without this wonderful invention the world would not be able to color with vibrant colors. People wouldn't also be able to use his gold medal winning dustless chalk. His inventions were a success. That is why you should vote for Edwin Binney!

Sincerely,

Abigale

Edwin

Colorful, imaginative, loving, and intelligent

Husband of Alice and father of Dorothy, Helen,
Mary, and Edwin Jr.

Who loved his family, helping school children,
and different colors

Who experienced factory working and being
a business owner

Who feared the world wouldn't be able to color
with his crayons

Who accomplished making a pencil, best chalk,
crayons, and produced black tires

Who wanted to see people to be able to color
with colorful crayons

Born in Shrub Oak, New York

Binney

