

Executive Summary

Since 1896 the current mailboxes being used today allows the United States Postal Service to order and promote uniformity of mailboxes within the American society in order to receive curbside delivery of their mail, and with the introduction of the curbside mailbox it the United Stated postal Service the convenient of rapid delivery of the mail to the homeowner. However progress and technological innovation has yet to make the transition from that curbside mailbox to the modern day societal challenges needed in today's society. In which the overall security of the homeowner's private, confidential information and small packages has to be an area that arguably has to be addressed, for leaving homeowners across this country uncovered and unprotected without a sustainable viable way for protecting Americans against identity thief is inherently an area of critical national need. Whereas anyone can drive up to any curbside mailbox across this country, pull out the homeowner mail private, confidential information, and use that information to commit fraud, also packages delivered by the U. S. Postal Services are usually left at the homeowner's door unsecured and unprotected are stolen unbeknownst to the homeowner until sometime later, perhaps after a phone call or the bill of sale arrives in the mail, does the homeowner discover they became a victim of a crime.

However, in 1896 it's inconceivable to image what the landscaped looked like back then, perhaps horse and buggy, bikes, people walking throughout the neighborhoods, etc.; we know neighborhoods weren't as large as the landscape we see today. However, with rapid growth from the industrial age, we now have sprawling neighborhoods and communities, roads, cars, trucks, buses everywhere, and with the outdated curbside mailbox on busy and not so busy roads, leave the homeowner at the mercy from our growth for yet another area of critical need that affects the well being of our nation.

Not only are we living in an ever changing society and world, whereas security is now at the heart of our nation's survival at every level, which is and continues to be large problem, in which Americans across this land need a better, economical and viable solution to the curbside mailbox currently used today. Which when invented in 1896, the inventor couldn't have conceived the area of critical national need and societal challenges we face everyday across this country, which affects every member of society - identity thief. The high-risk, high-reward that will yield transformational results across America are wide ranging with key implications that comes from the development of the Safe "T" Box Mailbox, which will bring to a crumbling infrastructure and ineffectiveness curbside mailbox, a new innovative product that justifies government attention, for this invention would support, promote and accelerate four areas of critical national need.

One, seeing that homeowners and businesses alike use the current curbside mailbox will now have a viable, economical solution that not only supports growth in America, but allows the user a way to protect their private, confidential information, and small packages being delivered by the United States Postal Service from being stolen and used to commit crimes against them, for the Safe "T" Box Mailbox is a secure curbside mailbox.

Two, seeing that the proximity of the curbside mailbox to the edge of the road, allows the mail carrier to deposit mail into the curbside mailbox without getting out of their vehicle, since the

doors to such typical curbside mailboxes face the roadside. Unfortunately, the fact that the single door to the typical curbside mailbox faces the road means that the homeowner is susceptible to not only identity theft, but homeowners are left having to step out into the street to send or retrieve their mail, and small packages, which creates hazards for the homeowner being involved in roadside/curbside accidents, whether on quiet or busy streets, it's a potential hazard!

Three, seeing that technological innovation is needed in all areas cited thus far and warrants a transformation of the curbside mailbox to include a security type mail system, this invention is too diverse to fare well in a traditional peer-review process, for this invention also encompasses elements designed for inclusion of seniors and people with disabilities that are mostly ignored by product designers when new innovative products come to market targeted towards the general population.

Lastly, Lewis Miller Designs, Inc., Inc will introduce to the market the Safe "T" Box Mailbox, the Multi Safe "T" Box Mailbox, and the Residential Safe "T" Box Mailbox, which encompasses new innovation for both city and rural areas alike. However, the Safe "T" Box Mailbox it will allow for the United States Postal Service to continue to have uniformity within their delivery system of homeowners' incoming mail with now a secure curbside mailbox, with even more of a potential rapid delivery service than currently in effect today, which potentially could save the United States Postal Service time and money within the coming years.

In which, the Safe "T" Box Mailbox will provide a sufficiency of means for the necessities and conveniences of life by inclusion for all, thus, it will not only be economically good for the market, but importantly, be a primary mechanism that has security, safety, seniors and people with disability in mind, which should fit within the area of technical competence of the National Institute of Standards and Technology.

Just with the societal challenges from identity theft on the rise everyday, an economic secure mail system is needed for the everyday homeowners, so that they will have a revolutionary system above the traditional curbside mailbox, to enable the homeowner to protect their private, confidential information and small packages being delivered via United States Postal Service. Lewis Miller Designs, Inc., Inc has developed such a product that is a stand alone secure curbside mailbox system, which has taken into consideration the societal challenges, wide ranging implications, and the critical national need that justifies government attention, because the magnitude of the problem is large enough that affects every member of society who when attacked find themselves years not only trying to regain their personal identity back but their credit history too.

First, the Safe "T" Box Mailbox will allow the homeowner to secure their private, confidential mail and small packages being delivered by the United States Postal Services, and still allows for uniformity and rapid delivery with this new mailbox design. Next, never again will the homeowner have to step into the street ever again to send or retrieve mail or small packages, furthermore, another area of societal challenges that continues to create barriers and prevents the successful development of a solution in this area of critical national need is that the United States Postal Services makes curbside deliveries to one side of the road only, but it often requires the elderly or disabled people to cross hazardous busy roads, or again step into the

street to collect their mail, which this isn't a viable nor economical solution to deal with this segment of the societal challenges facing our nation.

Thus, the foremost design of The Safe "T" Box Mailbox was developed and patented to secure homeowners private, confidential information, and small packages being delivered via the United States Postal Service, giving consumers a way to protect their mail. However, the high risk, high rewards when not addressed have already shown the fruits from criminal labor could negatively, identity thief is on the rise across the country, but removing societal barriers when not addressed can also negatively affect the quality of life for other members of society. For inasmuch as the Safe "T" Box Mailbox will transform neighborhoods across America, this mailbox encompassed our seniors and people with disabilities in its planning and execution also. For not only are we an ageing society, but with so many veterans coming home from the war with life changing injuries and disabilities, and for some, may and will be confined to wheelchairs, single, having to learn to be self reliant, self dependent, this mailbox has far reaching implications and for this segment of society they will need a mailbox they can access, not only to retrieve their mail, but for some medication as well. To have a secure mailbox that not only protects their mail, medication, but takes into account their disabilities, so they never have to step into the street to send or retrieve the mail is not only a win win situation for them but for all Americans, which helps breaks down the societal barriers that faces our nation.

The Safe "T" Box Mailbox as outlined herein confronts the challenges that as the reader can understand that existing efforts are not addressing this problem; if you look at your mailbox what steps do you take to protect your mail from thieves? If you became disabled, what level of support would you need just to obtain your daily mail? The Safe "T" Box Mailbox will play a critical role in addressing the needs of this civilization, improve the quality of life for many, promote economic growth, by one giving Americans a viable way to securing their private, confidential information, and small packages, two remove barriers for seniors, and people with disabilities in this one technological innovated design, by having a secure mail door in the rear of the mailbox, which justifies government attention that will supports, promotes and accelerates innovation within the walls of the United States by a person who knows about the challenges – a fellow disabled veteran!

In terms of the industry, as stated the curbside mailbox that's been around since 1896, thus the business of mailboxes isn't new to the market, for mailboxes come in all different shapes, sizes, and colors according to the United States Patent and Trademark office, and mail receptacles have been in existence as far back as 1868, but the United States Postal Service standardized the curbside mailbox for rural neighborhoods, back them uniformity and rapid delivery was and still remains the main factor for the United States Postal Service to continue to use the curbside mailbox.

There are some high end security mailboxes on the market, ranging in price from \$350.00 on up, for those who can afford them, however for the average vast majority of consumers who use the curbside mailboxes there are no existing efforts that are addressing the problems for the average homeowner, seniors and people with disabilities, and here in lies the significant challenge. To bring to market a technological innovative idea that encompasses, addresses, surpasses not only the critical need of the nation to protects homeowners private, confidential information, and

small packages, but allows uniformity within the guidelines of the United States Postal Services, in which will potentially allows for an even more rapid delivery of the mail, yet includes seniors and people with disabilities, and makes inclusion instead of exclusion a part of the American fabric.

For the security of ones incoming mail, and small packages, is at the utmost importance and at the forefront of the designer of the Safe "T" Box Mailbox however, for seniors, and those that have disabilities/handicaps, accessibility issues were also an important safety factor that needed consideration and attention, that for the consumer are all areas of critical national need that justifies government attention because the magnitude of the problem is large enough for society as a whole – identity thief and accessibility. Thief is being committed everyday against Americans via the curbside mailbox, but societal barriers are also being addressed through the Safe "T" Box Mailbox. The importance of bringing to market a viable secure curbside mailbox which confronts the issues of identity thief is just one of the greatest societal challenges facing our nation, for the overhauled and restoration of the curbside mailbox is the technological innovation breakthrough needed to help deprive thieves from the ever easy access that the curbside mailbox allows thieves everyday, to drive up, pull down the door, retrieve private, confidential information, and small package after the Postal worker has delivered the mail and drive off with birth certificates, social security cards, driver's license, etc., to commit crimes against Americans.

The level of why this research/technology is needed has been stated, to address the society challenge that is - identity thief, that effects one major part of the societal challenges that is not being met or addressed adequately for the average consumer using the curbside mailbox, but more importantly for seniors, disabled veterans, and people with disabilities, the magnitude and alienation of this group in society is immeasurable for access is denied. Mostly, all rural Americans utilizing the curbside mailbox having to step into the street to send and retrieve mail, and small packages, but for those who are elderly, wheelchair bound, people with disabilities are dependent on others to send and retrieve their mail, and small packages.

Whereas the Safe "T" Box will vastly improve the security of private, confidential information and small packages being delivered, for the access to the Safe "T" Box Mailbox is in the rear of the unit which faces the yard and house. The Safe "T" Box will not only improve the quality of life for the homeowner from those potential roadside/curbside accidents also, but will also boost economic growth with this new innovative design that has been used by the United States Postal Service since 1896.

The development and the input used to complete and accomplish the research for the Safe "T" Box Mailbox was the United States Patent and Trademark Office, in which the focus was to revamp the curbside mailbox in order to create a viable way for the homeowner to protect and secure the homeowners mail from thieves, yet to discover if any type of mailbox was on the market that encompassed all elements used within the patented Safe "T" Box Mailbox, which focused on the homeowner not having to have to step out into the street to send or retrieve mail, or small package, and also took into consideration seniors and people with disabilities.

What my research shown was that the societal challenges were unmet by others, in the arena for the vast majority of the general public using the curbside mailboxes across America, who had no way to secure their private, confidential information or small packages. The United States Postal Service does offer lock boxes however, those lock boxes require the person to pay a continual fee by those who could afford to use it, and by those who have vehicles to travel to the post office to pick up their mail. This leaves the rest of the nation vulnerable and susceptible to roadside/curbside thieves, from the continuous use of the curbside mailbox, and didn't take into account those people on fixed incomes or people with disabilities. The cost of lost opportunities if challenges are not met and solutions continue to be delayed, are increasingly more events of identity theft, higher levels of mail fraud, which effect the United States Postal Service funds, for increased manpower is needed to investigate this types of crimes.

The evidence and level of commitment and the likely proposer to a competition in this area is not great seeing that research and due diligence was applied and information obtained from the United States Patent Trademark office shows that Lewis Miller Enterprises, Inc has patented the secure mailbox known as the "Safe "T" Box" which produced is a fully enclosed square housing unit designed to be is easy to install, environmentally friendly, has a locking compartment in the rear of the unit for the homeowner to send and retrieve their outgoing and incoming mail, thus not having to replace rotting stakes, leaning mailboxes, and more importantly never again having to step into the street again to send or retrieve the mail, and small packages. With this innovative product, there are also far reaching cost-effective benefits with the Safe "T" Box Mailbox for the United States Postal Service also. Uniformity is why the curbside mailbox was selected by the United States Postal Service back in 1896, and there are height requirements for the curbside mailbox, however drive around any neighborhood and you will see curbside mailboxes at different heights, in which those height requirement are somewhat relaxed today. However, with the Safe "T" Box Mailbox design their will always remain the standardized height requirements as outlined by the United States Postal Service, by this, it will potentially cut down on an that also cost the United States Postal Service monies, work-related injuries that occur from bending low and reaching high to deposit mail into un-uniformed curbside mailboxes currently being used today by consumers.

Lewis Miller Designs, Enterprises, Inc is looking for grant monies to that would allow this product to be brought to market and be produced in the United States, made by a disabled veteran who understands the societal challenges that are faced by people with disabilities, and confronting a need that will not only revamp the curbside mailbox, which is an area of critical need for all homeowners, for it doesn't give the homeowner a viable way to secure nor protect their private, confidential information, and small packages, whether rural or city, but it would break down the barriers for people with disabilities, and keep all Americans safe from roadside/curbside accidents, who now have to reach around the current mailbox or step into the street to send or retrieve their mail, and small packages, in which people with disabilities are unable to do.

Allot of thought, research and consideration was given to the application submitted to the United States Patent and Trademark Office, for the Safe "T" Box Mailbox, encompasses two additional applications within it's one submission, components from the original design of the Safe "T" Box are used to create the Multi Safe T" Box Mailbox, which is for multiply type people sharing

one residence, and the Residential Safe “T” Box Mailbox, for people who live in the city, for identity thief is on the rise whether you live in the city or in the suburbs, it effects all members of society. Without allot of monies, partners, or collateral this is why a grant is needed for this technological innovation of this invention which justifies government attention has to come to market for as I see it no one is addressing this basic need, to be able to protect all Americans from identity thief via the curbside mailbox that is a staple of the American landscape, the safeguard of the infrastructure of private, confidential information, and small packages, it’s not just for those who could afford it to pay for the protection.

The nation’s capabilities will be stimulated by not only putting some people to work, with this start-up company to mass produce the Safe “T” Box Mailbox here in the United States, but by employing disabled veterans to work for an employer who understands the needs of the disabled veteran is immeasurable, for the owner of the Lewis Miller Designs, Inc. is a disabled veteran. Inasmuch as Veterans have gone off and served their country with honor, there face barriers when looking for gainful employment also, and with this company one societal challenge of employing the disabled is far reaching then some programs have solutions for.

The technological leverage for success is good once funded and material purchased, for by virtue of the design, there are three major components to assemble and with the technological breakthrough and innovations that came from the industrial age, plastics which have been around since 1911 when synthetic fiber, rayon were developed, will be used to produce the Safe “T” Box Mailbox. It will be formed from hard plastic with a UV protective coating applied to the end product. Through research of materials and companies to gage an idea as what would be the most cost effective way to produce the Safe “T” Box Mailbox, that would make it safe for consumers, weather durable, come in various colors, with different logos for the homeowner to choose from for the front of the unit, no sharp edges and most importantly has security and safety in mind, The Safe “T” Box Mailbox will be more durable then the current curbside mailbox being used today, for they rust, bend, rot, fall over and have to be replaced.

Lewis Miller Designs, Enterprises, LLC, Inc will meet a timely need that is not being met by others, by providing a viable option for not only the curbside mailbox, but also for the Multi Safe “T” Box Mailbox and the Residential Safe “T” Box Mailbox that also will serve critical needs not being met , and that is a secure curbside mailbox that protects all homeowners across America that use curbside mailboxes a viable way to protect their private, confidential information, and small packages being delivered to the millions of homes via the United States Postal Services.

In the absence of TIP funding it’s obvious from this proposal that the conditions of the America’s mail system infrastructure will continue to erode, and we the people are at the mercy of a curbside mailbox that allows for identity thief to continue to escalate in America, with the continuous use of the curbside mailbox that isn’t a secure mailbox, everything from birth certificates, social security cards, driver’s licenses, medication, etc., among other things that are stolen right out of the curbside mailboxes across America. With the Safe “T” Box Mailbox it has the potential to stem the tide of curbside thievery that occurs across each and everyday, and it doesn’t take into account roadside/curbside accidents, or the accessibility needs of people with disabilities. The need for investment in this area is of a critical national need and is a societal

challenge that is essential to stem the continuation of crimes against Americans right at our doorstep with this outdated curbside mailbox across America.

With the economy being what it is banks aren't lending monies for this type of venture, for start up companies, as for most Americans through no fault of our own, housing prices have falling and the values of said property in my area as for most across the country are down. I've paid my mortgage on time, I've never been behind, and through no fault of mine, my home has decreased almost 50% in value due to the economy, thus seeking out capital and using my home as collateral has been increasing hard.

Thus I see no other reasonable funding sources available to support this endeavor, which with funding will not only revamp the curbside mailbox, but will allow the United States Postal Service to continue to provide even more of a rapid service to the American people, alleviate man hours used to investigate identity thief, thus saving the United States Postal Service millions of dollars over years. But most of all, it will give homeowners across the country that use the 1896 curbside mailbox an innovative technological breakthrough product that's economically a viable way to protect their private, confidential information, and small packages. In which, seniors, and people with disabilities will also have access to their mail, and small packages, and I can't emphasize it enough no other American will ever have to step into the street to send and receive the mail, or small packages again, which overall will cut down on potential curbside/roadside accidents from occurring.

The Safe "T" Box Mailbox can and will impact the nation in such a transformational way, first lets look at the way the United States Postal Service delivers the mail, from my research and observation of the typical Postal Worker, they drive up to the curbside mailbox, and using the example of what happens when there is outgoing mail to be retrieved, which is indicated by the red flag being raised, the worker first lower the door, retrieve the outgoing mail, turns and put that outgoing mail in a separate tray/bend to their left, which goes back for processing at the post office, then they turn back to the curbside mailbox and insert the incoming mail, closes the lid to the curbside mailbox, and off to the next curbside mailbox.

In developing the Safe "T" Box mailbox a more cost-effective secure curbside mailbox system targeted specifically at new technological advancements, it will help alleviate one of those steps as cited above, thus increasing a more rapid delivery service time, saving the United States Postal Service time spent on routes, and money for fuel over the years. Now let's look at the same scenario with the Safe "T" Box Mailbox, which is designed with one pull down door, which houses two separate mail compartments, one for the outgoing mail, and one secure compartment for the incoming mail. Now the postal worker drives up to the Safe "T" Box Mailbox seeing the flag raised indicating that there is outgoing mail awaiting retrieval, with this patented design the postal worker can now have the incoming mail ready for insertion into the secure incoming mail compartment, insert the incoming mail, and then reach into the adjacent compartment and retrieve the outgoing mail, close the door to the Safe "T" Box Mailbox, and with their right hand, move the outgoing mail to the left hand and into the outgoing mail tray/bend that's positioned on their left side and continue on to the next curbside mailbox, alleviating the repetitive turning motion which will possibly again save the postal service monies in worker compensation related injury claims.

Thus, in developing the Safe “T” Box mailbox to be a more cost-effective, cost-efficient secure curbside mailbox targeted specifically at new technological advancements, which is primarily targeted and designed to give the homeowners, a viable way to protect and secure their private, confidential information, and small packages being delivered by the United States Postal Service right at the curb, by using a mailbox that now has security at the forefront of it’s design that is environmentally safe, low maintenance, and incorporates safety not only for the postal service, but the homeowner by having a access panel in the rear of the mailbox, cuts down on the potential roadside/curbside accidents, so that no person has to ever step into the street to send ever or retrieve their mail, which can be quite catastrophic for all who use the curbside mailboxes.

When Designing the Safe “T” Box mailbox, allot of thought went into the patenting which incorporates and includes all segments of society, to include seniors, and people with disabilities, city and rural areas alike, homeowners and business alike, to bring a product to market that overall would function so that no one segment of the populations would feel that they are unable to protect their private, confidential information, and small packages from the predators who would steal their identity and commit crimes against them.

The consequences of inactivity to upgrade the infrastructure regarding the curbside mailbox created in 1896 does justifies government attention, for left unattended will result in the continuation of identity thief rising across America, more man hour spent by the United States Postal Service investigating mail fraud, and with so many Americans working from home these days the potential risk of proprietary information falling into the wrong hands is even more of a greater concern if the curbside mailbox infrastructure isn’t updated now. The increase of more roadside/curbside accidents occurring from the current curbside mailbox, that when conceived couldn’t foresee that safety for the consumer needed to be a factor in its design, nor does the curbside mailbox break the barriers that denies the disabled access to having a viable option for sending and retrieving their mail, and small packages without someone’s help.

As indicated within this proposal the Safe “T” Box Mailbox has the potential for yielding transformational results with wide-reaching wide-ranging implications, for the transformational provisions provide herein if approved and funded will dramatically benefit the nation for years to come, for on the surface it with stimulate jobs for labors who will install the new Safe “T” Box Mailboxes in a regional market, it will give disabled veterans assemble jobs within the factory, boost the economy in a regional market. And with success as the company grows more installers, assembly people will be needed in other regional markets to deal with supply and demand.

In closing, Lewis Miller Designs, Inc, along with the Safe “T” Box Mailbox, Multi Safe T” Box Mailbox, and the Residential Safe “T” Box Mailbox, is thinking outside of the box, looking to make a difference, challenging myself to reach higher that would make a dramatic and fundamental change through hard work, and being on a mission that’s not about the money, but one of societal changes, that will make an impact and give the American people a viable tool that will help all segments of the population to stem the tide of identity thief that is becoming one of the fastest growing crime in America, plus if selected the Safe “T” Box Mailbox will not only support, promote, and accelerate innovation among others in the United States to look at the world, a problem, situation, that is deemed to be one of an area of critical need that effects all

segments of society, and no matter how difficult the challenge, work hard to find the solution and make it happen, not for some, but for all, as I will do as I move forward in bring the Safe “T” Box Mailbox to market.

Respectfully submitted
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