### **APPENDIX I**

Reader Device and Prototype Features Usability Testing Comments Log

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# Reader Device and Prototype Features Usability Testing Comments Log

# Commercial Slide-In Reader #1

Bilnd, child Bilnd, child Having trouble getting the second corner into slot and then trouble lining the bill up straight. Bilnd, child Jilke it. Might take out sometimes, not sure would use at home, already has something. Bilnd, child Jilke it. Might take out sometimes, not sure would use at home, already has something. Bilnd, child Jilke it. Might take out sometimes, not sure would use at home, already has something. Bilnd, child Jilke it. Might take out sometimes, not sure would use at home, a water and the sometimes. Bilnd, child Jilke it. We would use at home. Yes would take out shopping sometimes. Yes, would use in line at store. Bilnd, adult Vorks OK, but problems if not perfectly flat. Would ruse at home. Would take sometimes but it is pertly big. Would not use it in line. Dut would step aside to use. Bilnd, adult Vorks OK, but problems if not perfectly flat. Would use at home. Yes, would take out, but wouldn't use everywhere. Would check when get away from line. Need to have flat surface and be stiting down.  Bilnd, adult Jilke it. Would use at home, would not use at cash register to check change. Not practical while actually exchanging cash, but works well, easy enough to operate.  Bilnd, adult Would not use at home, would not take out, would not check change, but might if I had to deal with money a lot.  Would not use at home, would not take out, would not check change, but might if I had to deal with money a lot.  Bilnd, adult Jilke Would not use at home, but would not take it out.  Bilnd, adult Jilke would would be at home, but would not take it out.  Bilnd, adult Jilke would would be at home, but would not take it out.  Bilnd, adult Jilke would would be at home, but would not take it out.  Bilnd, adult Jilke would would be at home, but would not take lot out would not take abopping. Would not check change have to sit and have a table.  Bilnd, adult Jilke high would be at home, but would not take lot out would not take would not take would not would not take would not take would not take would not	Participant	Comment
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Blind, senior  I like it. But then I knew it before. It's wonderful for somebody that lives alone that can't see at all.  Would use at home, would not take out, would not use to check change.  Blind, elderly  Blind, elderly  Yes would use at home. No would not take out with me shopping. Would not use in line, would wait until I get home. Still would fold notes for future use.  Blind, elderly  I like this very much. It would be a little bulky to carry in your purse. For staying at home this would	Blind, senior	1
Would use at home, would not take out, would not use to check change.  Blind, elderly  Blind, elderly  Wes would use at home. No would not take out with me shopping. Would not use in line, would wait until I get home. Still would fold notes for future use.  Blind, elderly  I like this very much. It would be a little bulky to carry in your purse. For staying at home this would	Blind, senior	We have to carry this thing around? I would fill up my purse. Too heavy to go in my pocket.
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	Blind, elderly	wait until I get home. Still would fold notes for future use.
	Blind, elderly	

Participant	Comment
Blind, elderly	Would not carry this one. Would not check change with it. Yes, I would use at home.
Blind, elderly	I think it's a great idea. Very easy to operate. It wouldn't take long to learn this. Very easy. Would use it at home. Would take out shopping. Would check change with it after having more practice.
Blind, elderly	Would not use at home, would not take out or use in line.

# Commercial Slide-In Reader #2

Participant	Comment
Blind, child	I can feel the foil strip. That helps line it up.
Blind, child)	Would use at home. Faster than the camera one. Would take with me to the store
Blind, child	Would use for change at store in line, very helpful.
Blind, adult	This is something I like the ease of use but would not carry.
Blind, adult	I can feel the foil strip to orient the bill.
Blind, adult	Not bad. Would use in store. Would use at home. Would use in line, small enough to carry around.
Blind, adult	Faster than other slide-in. Easier to use too. Smaller so easier to do in the air. Yes would use at home, yes would take out. Might check change in line at store, would depend on how much change I had.
Blind, adult	Works find, but I don't need device, would not take out, would not use at home.
Blind, adult	I like the volume, I would carry it, I think it's not as hard to fit the bill in the device
Blind, adult	Even if you get it fairly loud, if its loud enough for me to hear it, I don't want it to read too loud so everyone around me knows what I have.
Blind, adult	I don't like the errors, it's too big and does not read both sides of the bill.
Blind, adult	I would like a smaller machine because I would use it while it was out. This would be one I would use at home.
Blind, adult	I like this reader, its easy and small enough to carry with me to the store.
Blind, adult	This machine is ok, I would carry with me when I go out. Preference is still the smaller one.
Blind, adult	Simple; like less because it's so much bigger and not portable. Would keep in briefcase. Use at home/desk; easier than previous.
Blind, adult	Would not carry around, would not use at cash register, but would use at home.
Blind, adult	I have to concentrate to get lined up right. Yes would use at home, yes to restaurant. No would not check change.
Blind, adult	I would use at home, might carry out. Would not use to verify change in line, too awkward.
Blind, adult	Yes would use at home. Might take out, hard to use with one hand though. Might use to check change, if nobody standing behind me.
Blind, adult	Pretty good! I wouldn't use at home. But I would take it shopping. Would not check change in line.
Blind, adult	I like this one a lot better. It's a lot smaller. Would use at home. Would take it out in some cases, it's a little too big. Would check change in line.
Blind, adult	It's fast. The response time is vastly faster.
Blind, senior	Foil strip can be clearly felt in these bills.
Blind, senior	This is handy for home use. Would not carry with me, too big and heavy, especially in summer with no jacket. Faster because can orient the foil strip.
Blind, senior	I can feel the foil strip. This is the end to insert, that is a good idea.
Blind, senior	now I can't find the foil strip any more
Blind, senior	Would use this at home. More manageable than the bigger slide-in. Would not use to confirm change, would not use in line.
Blind, senior	Yes would use at home, might take out, but would not use in line or when in a hurry in a cab
Blind, senior	It works well. Was looking for a quicker way to figure out which end to insert. It's accurate. Would use at home. Would not take out. Would not check change.
Blind, senior	It's smaller, but still battery operated, heavy. It's not quick. Would use at home. Would not carry out. Would not use to check change. Hard to understand the voice
Blind, senior	Yes would use at home. No would not take shopping. Would not check change in line.
Blind, senior	I would not even use this at home. No would not take shopping. Would not check change in line.
Blind, senior	I think it's great. Would use it at home, would take it out. Would not use it in line to check change.
Blind, elderly	This has a clearer voice
Blind, elderly	Yes would use at home. Might take with me. Would not use to check change.
Blind, elderly	Yes would use at home. Might take out because it is smaller, but probably not. Would not use in

Participant	Comment
	line or at store.
Blind, elderly	I like that very much. Would use at home, and would take it out. Would verify change in line for some stores, not for others.
Blind, elderly	I think it's very nice. Would leave it home. Uses debit card when going out. Would not use to check change.
Blind, elderly	I might use this to check change if I didn't trust someone
Blind, elderly	This is a little faster because of the grooves being larger. Would use at home. Would take out with her. Would use it in line.

#### Commercial Cell-phone Reader #1

Participant	Comment
Blind, child	Would use at home, would take with me shopping, would use off to the side. Would not use in line, need some place solid to put the money down.
Blind, child	Yes would use at home. Yes would take out shopping. Would not use in line, would wait till I got to the side.
Blind, child	Hard to hold level, kept tilting. Use at home no; Yes, would take it out. No, would not check change in line.
Blind, child	Would take with me to store. Would use at home. Would use in line at store.
Blind, adult	It's kind of slow. Would use at home. Would take out. Would not check change. Would not use in line. Too slow.
Blind, adult	It seems to work well. Yes would use at home. Yes take out, but would not check change in line. Need to lay things flat on table to work right.
Blind, adult	Like the machine for work, would use at home. Would not use at store or in line. Would take out, but only use if have a flat space.
Blind, adult	I don't like it. Too slow, would not use at home, would not take out with me, even to use the cell phone with it would not use for change.
Blind, adult	It's nice, Yes would use at home. Yes would take out shopping. Would not use in line.
Blind, adult	Too slow and too much effort. Would not use at home. No would not take shopping. Would not check change in line.
Blind, adult	Yes would use at home. Would not take out shopping, would not use to check change. Need to have table to use, too slow to use.
Blind, adult	Yes would use at home, would take it out. Would not use to verify change, need table, not easy to use.
Blind, adult	Yes would use at home, yes would take out, but would not check change in line.
Blind, adult	Very hard for anyone with neuropathy or tremors. Would use at home, not in line at store.  Advantage that it is a cell phone, so multi-function is a plus, at least I'd have it with me. Buttons too small, hard to get straight over the note.
Blind, senior	"It's great. We use it at home" Yes would use at home and would take it out shopping. Would not check change in line.
Blind, senior	Yes would use at home. No would not take shopping. Would not check change in line.
Blind, senior	"Not close to fast enough" Yes would use at home. Yes would take this shopping. Would not check change in line.
Blind, senior	It is hard to find the right button, keep pressing the wrong one
Blind, senior	I would be nervous to take shopping, but would use at home. Would not use at store to check change.
Blind, senior	Static electricity makes the bill move when you raise up the reader.
Blind, senior	I like it. Would definitely use at home. Too cumbersome & obvious for public setting. Might use it on the sly in public, but wouldn't want people to see me use it. Would not use in line or at store.
Blind, senior	That's lots of work to ID a buck!
Blind, senior	Need a table to use, so would not use in line or in taxi. Would use at home. Might take out to place that had a flat surface.
Blind, senior	Would use it at home if no other option. Would not use outside the house. (no checking change)
Blind, senior	It's more compact, lighter. Expensive. Would use at home. Would take out with me. Wouldn't check change in line.
Blind, senior	I think there are too many steps. It's fun, but it isn't supposed to be a toy. Would use at home, would not take out, would not check change with it.
Blind, elderly	I cannot understand the computer voice.
Blind, elderly	Don't like this one. Too hard to use. Talks too much.
Blind, elderly	I would take it out to use as cell phone. Would use for currency device at home, might check for change in the right place. But not in grocery store or in line. Would check out change at home with this device.

Ī	Participant	Comment
ĺ	Blind, elderly	Can't get this aimed right; this is not for me.

Prototype Slide-In Reader #3

Participant	Comment
Blind, child	I like this thing. Yes would use at home to organize money. Would take out shopping. Would not use in line, would go off to the side and check.
Blind, child	Pretty cool. Yes would use at home, yes would take to store. Would not use in line, would move to the side.
Blind, adult	"I like this one!" Yes would use at home. Yes would take shopping and would use to check change in line.
Blind, adult	I like it. Would carry with me. Would use to confirm change in some situations. Would prefer that it not need a button, or put the button somewhere else.
Blind, adult	I like this one. I think I like it the best of the three, because it is so small. It seemed the most tolerant. Would use at home, take out, check change with it. It's very fast.
Blind, adult	I like the portability of it.
Blind, adult	It's hard with one hand to use both buttons.
Blind, adult	Its portable enough, and it needs to get louder, maybe have a headphone.
Blind, adult	The slot needs to be a little wider, if you are not sitting at a table, you will drop the money.
Blind, adult	I like this one; I would carry it with me. I wish we could buy them.
Blind, adult	I would leave it on speaking mode if I had one.
Blind, adult	Placing the speaker face down reduces the volume dramatically, suggest speaker on both sides
Blind, adult	I like this machine. I would carry this in public, and use it at home.
Blind, adult	It could use a little boost in volume. I would carry this out with me.
Blind, adult	It's so small and I like that. I would carry it with me. The issue with the one I have now, is the size of a digital camera and it won't fit in my purse.
Blind, adult	I like this one. I would carry it with me.
Blind, adult	I would like to place earphones in this device. I could learn the vibration pattern.
Blind, adult	Simple, intuitive, small. Would carry it - would not use it to check change.
Blind, adult	Much harder to feed the bill into the slot. Would use at home or office but not at cash register. Size is much easier to carry around, but doesn't work easy enough in your hands. Tone is too quiet, can't hear sound.
Blind, adult	Like the other slide-in better, easier to use, easier to get the bill in. Yes would use at home. Might take out shopping. Would not use in line, would step to side and use.
Blind, adult	Would definitely carry it around. Like that you can adjust while it is thinking. Would not use in line at store because two handed operation required, have to juggle bags and wallet.
Blind, adult	This is slower than the other slide-in. Yes would use at home and would take out. No would not check change with it.
Blind, adult	I like it. It's small, very quick. Would take with me, put in my pocket. Would use for change, would use in line, would use at home
Blind, adult	Easy to use, would use at home, not sure would carry unless traveling, would not check change at store. Simplest and smallest I've ever seen; those are pluses.
Blind, adult	I like the size, more apt to carry with me. Concerned about having to use two hands, still takes too long to use in line.
Blind, adult	Yes would use at home. Yes would take shopping. Yes would check change in line. Fits in pocket or purse, so easy to handle. Still need two hands though.
Blind, senior	Yes would use at home. No would not take shopping. Would not check change in line.
Blind, senior	"Awkward - need two hands" Yes would use at home. No would not take shopping. Would not check change in line.
Blind, senior	I like it the least of the ones we have done. I don't care for it much. It's too small. I find myself being very stiff with it. I don't like the button. You shouldn't have to work so hard. Would prefer not to use in any scenario.
Blind, senior	Track/slot bumps help.
Blind, senior	Trouble orienting bill perpendicular to device.
Blind, senior	Neat, awesome. Yes would use at home, yes would take it out shopping. Yes would verify change with it at the store.
Blind, senior	I like it. Reasonable chance I'd take with me shopping, I seldom ask a store person. Yes, would use in certain cases to put change away properly. Would not use in line, would step aside, but stay near cashier. Would like earpiece bluetooth.
Blind, elderly	Prefer the notches to this reader. Would take shopping, would use at home. Would not use in line, need a table to make it work right.

Participant	Comment
Blind, elderly	Wouldn't carry it with me. Would not use at home. Would not use for change in line
Blind, elderly	I think this machine isn't as easy as the other slide-in ones. This is not for home, not for going out. I had a hard time inserting the money into it.
Blind, elderly	That voice is not as clear as the others.
Blind, elderly	This is a hard one for me to feed it into.
Blind, elderly	I like it. Would use at home, travelling, and not check change in line (too slow)
Blind, elderly	Would use it at home. Would take it out with me. Would check change with it. These recessed buttons are very hard.

**Prototype Cell Phone Reader #2** 

	Hone Reduct #2
Participant	Comment
Blind, child	Do not like this reader, it does not work
Blind, adult	I didn't get along with this one very well, this device is frustrating
Blind, adult	I'm not crazy about this one!
Blind, adult	There is no consistent height to it, I can't figure out the best distance
Blind, adult	This device is very sensitive; it does not seem to reliably pick out the bills.
Blind, adult	This device requires slow movements over the top of the currency. Without a reference point this is difficult.
Blind, adult	They need to go back to the drawing board.
Blind, adult	Make sure how far we have to hold the device from the money is consistent.
Blind, adult	Can't get it to work at all, not even one time! Tried turning to all sides, all corners.
Blind, adult	I don't want to do this anymore, too frustrating, would never use this
Blind, adult	Could not get it to work during training so did not pursue trials
Blind, adult	This is terrible, too hard, don't want to try it any more.
Blind, adult	I'm getting tired of this, way too experimental, needs a lot of work.
Blind, adult	Understand it is experimental. Would not use at home, or out, would not use in line.
Blind, adult	Don't want to even try this device.
Blind, senior	Could not get it to work in training. Didn't want to use it.
Blind, elderly	Too hard to aim, needs too much spatial awareness. Would not use, ever, anywhere.

**Prototype Note Corner Reader** 

Participant	Comment
Blind, adult	I like this one least of all the readers
Blind, adult	This one is too much work
Blind, adult	Odd shape, it's portable, I like that it doesn't announce the denomination. I prefer slide-in one it's quicker.
Blind, adult	Requires constant switching of bill in hands.
Blind, adult	Machine not suited for left handed.
Blind, adult	Can't remember the beep pattern
Blind, adult	Once you get used to it, it's not bad.
Blind, adult	Would use at home, would not take out, would not use in line
Blind, adult	Don't like this, do not want to use it anymore.
Blind, adult	Cumbersome, but it works. We use a lot of bells and whistles like this when we use computers. I would only use this at home.
Blind, adult	Once I switch to both hands to insert bills, then I can't find the button.
Blind, adult	This is perfect, but I have to memorize the difference between the beeps.
Blind, senior	Don't like way you insert the bill, too tricky. Would not use at home, would not take out or use to check change.
Blind, senior	"It's okay" Yes would use at home. Yes, I might take shopping. Would not check change in line.
Blind, senior	Well it works, but it is so dependent on the bill going in exactly the right position.
Blind, senior	Complaint: bill orientation requirement. Better at home. Not portable enough.
Blind, senior	Track/slot bumps help.

Participant	Comment
Blind, senior	Button is hard to find and hard to feel.
Blind, senior	Still can't find the button. Don't want to use this any more, can't tell between the beeps if it is four beeps or two.
Blind, elderly	Can't hear the beeps. Pitch is too high. Could hear the long beep for the 20, but that was it.
Blind, elderly	Could not get it to work in training. Didn't want to use it.
Blind, elderly	Yes would use at home, yes would take out, might use in line to check change.

### 1-D Sizes

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Participant	Comment
Blind, child	You would need to have another bill to compare it to.
Blind, child	I would use to check bills at home.
Blind, adult	This is going to be guess work.
Blind, adult	Don't like that kind of money. Would not use in line. Would not help at home. Would be really hard to tell with only one bill, sized are too close together.
Blind, adult	Hard to tell difference, this won't work well
Blind, adult	I'd have to have both hands free to measure the size. Sizes are too close together.
Blind, adult	I would not use at home, would not use anywhere at all, not a good method.
Blind, adult	That's the hardest. Wouldn't use to check anything. It may be that the variations are too small.
Blind, adult	Too slight of a difference. Would need a ton of practice. Would not use in store or when shopping.
Blind, adult	This one doesn't look too good but I'll try it.
Blind, adult	This is not good. Would not use ever, anywhere.
Blind, adult	No. You would need a sizer with you to measure.
Blind, adult	Don't like this either.
Blind, adult	A third of those were just guesses. Wouldn't use it for checking change.
Blind, adult	Look how close together those sizes are! Don't do this one.
Blind, adult	I would not use to sort at home, would not use in line to verify change.
Blind, adult	You have to have all the money with you to compare it.
Blind, senior	I would never trust myself with a scheme like that.
Blind, senior	You have to use two hands, would not have confidence to check change, sizes are too close together
Blind, senior	Not very good. Not very workable. Wouldn't rely on it.
Blind, senior	I think I would probably learn it. I was surprising myself. That idea of measuring against the palm of your hands I think I could get better at it.
Blind, senior	If they design this for the blind, then I'm going to get a money identifier. Home: no; when out, no; check change = no. I think the difference would have to be more extreme.
Blind, senior	I do not like this
Blind, elderly	In real world situation, making and getting change, will be too easy to make mistakes. Would not use in line at store. Too difficult to tell for using to ID change. Error rate would be too high for this method.
Blind, elderly	I don't like this, too many wrong answers. Would never use in line, would not trust it.
Blind, elderly	I can't tell which is which, they seem the same.
Blind, elderly	You couldn't do this when out, would have to do this at home.
Blind, elderly	This is too complicated too. Just have to guess. Don't like it. Would not use it. Don't want longer or bigger bills.
Blind, elderly	I wouldn't like this at all. [Wouldn't check change with this method.]
Blind, elderly	I don't like it, just guesswork. Would never use it.
Blind, elderly	It might work if you had a measuring tool, but without a tool not sure

# 2-D Sizes

Participant	Comment
Blind, child	Two hands is a good system, but with one hand holding a wallet, you won't have two hands to
	figure it out. Would not use in the grocery store.
Blind, child	Lots of confusion between the numbering schemes.

Participant	Comment
Blind, child	Good system, trouble remembering the numbering but I might get it with practice. Would not use to check change in line.
Blind, child	Too hard with only one hand to figure out. Would not use for change, etc.
Blind, adult	This seems awkward, holding the bills together, its easy to drop the smaller ones when they are grouped with larger bills.
Blind, adult	There is not much difference I notice, this is tricky. The length is more of a problem than the width
Blind, adult	Yes, would use this. Yes, would use to check change in grocery store.
Blind, adult	It would take some getting used to but I got most of them right. It would probably be easiest if you had different ones to compare them. Narrow vs. Wide was very easy. All I had to think about was length really.
Blind, adult	Could develop technique. Money has to have something on it. Something that does not deteriorate. Texture difference suggested.
Blind, adult	Definitely NOT!
Blind, adult	It would take too long to sort the money in order to compare them. I would rather feel the notches.
Blind, adult	I hate it. I have to sort through recollections. The notches are easier to remember.
Blind, adult	Would use to check change. Should make the short note shorter for contrast. Differentiating between long and medium is hardest.
Blind, adult	I would not use in line, not accurate, have to think too hard to remember what is what. Notches much faster.
Blind, adult	I like this, but you still have to memorize. After a couple of days I would get it.
Blind, adult	Not as good as notches. Would not use to verify change, would still need to ask someone.
Blind, adult	I would rather have the different sizes than notches or bars or anything else.
Blind, adult	Knowing your money, people will have to have confidence in the system that they know the denomination. That's the part the Gov can't teach.
Blind, senior	Would probably use to check change
Blind, senior	It's okay as long as money is stiff. Yes, would use to check change in line
Blind, senior	"Doable for a blind person" Yes would use at home. Yes would take shopping. Might check change in line.
Blind, senior	I would love these bills. This is my favorite method.
Blind, senior	It sounds like too many variables, but wouldn't ever see the 50 or 100. The difference between mediums and long feels shorter than short and medium. Would still probably ask (the teller) even with this method.
Blind, senior	It's hard to remember the narrow/wide/short/long deal.
Blind, senior	The 1/10 and 5/20 are too close together. Need the notches, too much of a guess. Would not use to check change, would be very unsure.
Blind, senior	I would use a 4x6 card to compare against for length.
Blind, senior	I think I'd catch on with that one. Would check change with that method. Like the notches better.
Blind, elderly	Error possibility is too high with this method. Length is hard to tell the difference. Need to compare to another bill. Not satisfactory for identifying change.
Blind, elderly	I don't like this. It won't fit in my wallet! Did not want to try them.
Blind, elderly	I don't like this system at all.
Blind, elderly	This would be clumsy in a store, I would not use for change.
Blind, elderly	I like the notches better. It might work to verify change in taxi, after a while, maybe would get used to it to verify change in line.

#### **Notches**

Participant	Comment
Blind, child	Would use notches at home later, not in line. Hard to remember the pattern.
Blind, child	Good method, people would get it easier than the sizes. Would not use in line, would move out of the way.
Blind, adult	Once you get used to the gaps, I like that one. It's automatic in your mind once you get the notches down.
Blind, adult	If someone is in a hurry, they may miss a notch.
Blind, adult	I would have to sit down and study the system. It would be good though, I agree I would choose this over the sizes.
Blind, adult	That could be a little confusing. Always have to check both edges.
Blind, adult	I like that a lot. Would use in line, at home, and everywhere. Would not need to fold money any more

Participant	Comment
Blind, adult	I like that. It seems more efficient than the other (2D) method. I could do both of them. That would be something I would get used to easily. I liked it. It was very efficient. Would use to check change.
Blind, adult	This system has real potential. Yes would check change at the grocery store.
Blind, adult	Very accurate. The best method so far. Yes would verify in grocery store.
Blind, adult	Likes the system. Good for checking change. Subtle enough for making/checking change.
Blind, adult	Once you got used to it would be OK, I'd use it I guess.
Blind, adult	"Too prone to error" I would not use at home nor take out shopping. Would not check change in line.
Blind, adult	I'm confused by both the 50 and the 100 having only one dot.
Blind, adult	Might check change in some situations, would use it to sort change. Point of sale, would depend on vibe. Better than device. Using an appliance at point of sale is not realistic.
Blind, adult	I'm confused by both the 50 and the 100 having only one dot.
Blind, adult	The only task is remembering. I would use for checking change.
Blind, adult	Yes would use to sort money. Yes would check change, would get fast enough to not hold people up.
Blind, adult	I like this method; it works for me. Yes would use to sort at home, would not need to fold. Yes would use to check change in line.
Blind, adult	It's hard to memorize the pattern. Might use to check change, would have to learn.
Blind, adult	Yes, would use in line at cash register. Works great. Wonder how works with old bill. Tried with slightly worn bills for samples - got three correct.
Blind, senior	I like it and would check change with it.
Blind, senior	I like it! Yes would use at home and would take out shopping. Yes I would check change in line.
Blind, senior	"I would check change with this"
Blind, senior	I like that approach. Easier than the readers or the sizes to identify the bills.
Blind, senior	Much easier mentally than the size differences. Absolutely would check change in line with this method. Easy to check a batch of bills. Not obvious to other people. Don't have to take out of wallet to identify.
Blind, senior	Need more space between 10 and 20. Yes would use to check change in taxi or line.
Blind, senior	All right with good fresh bills.
Blind, senior	I like it. Would check change that way.
Blind, senior	I would use this to check at time of change given.
Blind, elderly	Not sure it would work in a wallet. Would not use in line, not fast enough. Would use at home. But this is the best system so far, better than the readers. Don't have to take any equipment with you.
Blind, elderly	Workable system. Yes would check change in store, easy to do. Would use in taxi.
Blind, elderly	That's fine. That's easy. That's nice. Would use that method to check change. I sure would. Standing in line is OK. Unless they're all wrinkled up.
Blind, elderly	Better system than sizes. Yes it would be good to verify change at store.
Blind, elderly	This is a little difficult for me to get it straight. It would take time. Notches are too confusing for me.
Blind, elderly	Better than the sizes. Probably would still fold. Yes, would use to confirm the bills in change.

### Bars -- New

Participant	Comment
Blind, adult	I can barely feel them; that's going to be tough.
Blind, adult	I would not feel comfortable using this method.
Blind, adult	Don't like that. I think it would be inefficient to differentiate change that way. You can feel them but I was really having to make an effort. It would be slow.
Blind, adult	"Pretty good. Notches more reliable" Would not use at home. No would not take shopping. Would not check change in line.
Blind, adult	I don't' like this. I like the notches better.
Blind, adult	I might get used to it. Not sure if I would use for change.
Blind, adult	Too hard, I can't feel them at all.
Blind, adult	I have to use a table to feel them.
Blind, senior	"An awful lot of people would have an awful lot of trouble."
Blind, senior	No! I don't like this.
Blind, senior	It works but I'm worried about wear.

Participant	Comment
Blind, elderly	Don't like it, would never use it.

# Bars - Widely Circulated

Participant	Comment
Blind, adult	It works when its new, can't tell the worn down bills.
Blind, adult	I can't feel anything
Blind, adult	This does not work for me.
Blind, adult	If these were worn, this would be really hard if not impossible.
Blind, adult	I like them when they are crisp, when they are worn, I can't tell.
Blind, adult	It's hard.
Blind, adult	I would not use this at all, too much wear down, you can't tell what it is.
Blind, adult	I wouldn't want to tell my money by feeling this way, it would take me a long time.
Blind, adult	Time consuming, can hardly feel new. Crumpled bills very hard to tell. Very unreliable. Wrinkles feel like the bars.
Blind, senior	They're harder to detect with wear. They reach the point where they are undetectable. Wouldn't rely on it.
Blind, senior	I'd like a measuring device the size of a pocket comb.
Blind, elderly	I wouldn't waste my time. I'd use my debit card. Doesn't read print. No tactile impairment.