Date: May 14, 2019

From: Chris Jerdonek, OSVTAC Chair

RE: Transparent Interactive Printing Interface (TIPI) for Voting

----- Forwarded message ------From: **Gilbert,Juan E** <<u>juan@ufl.edu</u>>

Date: Tue, May 14, 2019

Subject: Transparent Interactive Printing Interface (TIPI) for Voting

Gentlemen, given the public discussion around hand-marked paper ballots vs. ballot marking devices (BMD), I have created the Transparent Interactive Printing Interface (TIPI) for Voting. I have placed information about the concept at

https://hxr.cise.ufl.edu/

I also put together a demo, of course it doesn't have the hardware, but it communicates how TIPI works. You can play with the demo at

https://hxr.cise.ufl.edu/

Take a look and let me know if you have any questions.

Thanks,

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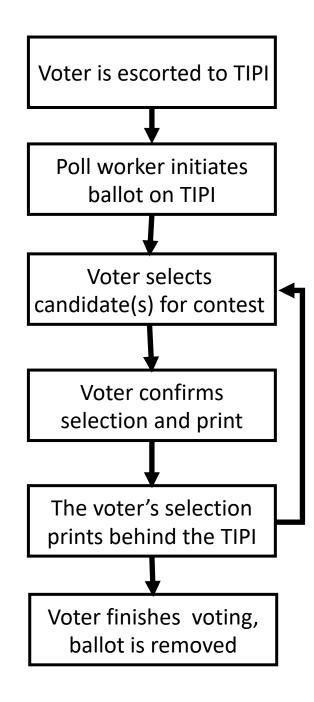
Transparent Interactive Printing Interface (TIPI) for Voting

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US Provisional Patent Application No. 62/846,118

Transparent Interactive Printing Interface Flowchart



Paper being loaded in TIPI



Voting Interface where voter makes selection

President and Vice-President Vote for no more than 1 Candidate. You have selected Martin Patterson and Clay Lariviere Contest 1 of 8 Joseph Burchi and Joseph Hallaren (B) Adam Cramer and Greg Vivocolo (Y) Alvin Boone and James Lian (O) Donleil Court and Arry Blumbortt (P) Austin Hildubrand-MacDougall and James Garritty (V) Martin Patterson and Clay Larh/lore (G) ✓ Charles Layne and Andrew Kowalski (A) Elizabeth Harp and Antoine Jefferson (R) Marsena Pasgler and Wolton Phelps (W) Candidate Write In Print my selection(s) ->

Voter makes selection

NIST Standard Ballot

President and Vice-President ==> Martin Patterson and Clay Lariviere (G)

Voting interfaces fades and selection is printed

NIST Standard Ballot

1. President and Vice-President ==> Martin Patterson and Clay Lariviere (G)

US Senate

Vote for no more than I Candidate

Contest 2 of 8

Dennis Welford (8)	Lloyd Gerries (Y)
Sylvia Westworth Fastkington (P)	John Hewsteon (O)
Violer Martinez (V)	Heather Portier (G)
Devid Platt (R)	Condidate Write In

Print my selection(s) ->

Voter presented with next contest.



Thank You

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