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Toronto-Dominion Bank; "Assisted Channel Credit Applications with Automatic Integration into Digital Wallets" in Patent Application Approval Process (USPTO 20210133866)

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2021 JUN 15 (VerticalNews) -- By a News Reporter-Staff News Editor at Information Technology Newsweekly -- A patent application by the inventors Bloy, Adrian (Ottawa, CA); Fong, Julianne Helen (Toronto, CA); Gimbel, Trevor Ross (Mississauga, CA); Klein-MacNeil, Morgan (Toronto, CA); Tam, Alan (Markham, CA), filed on October 31, 2019, was made available online on May 6, 2021, according to news reporting originating from Washington, D.C., by VerticalNews correspondents.

This patent application is assigned to Toronto-Dominion Bank (Toronto, Canada).

The following quote was obtained by the news editors from the background information supplied by the inventors: "Online and e-commerce transactions are ubiquitous in today's society. Many merchants, including those with brick and mortar locations, have found more and more of their sales to be delivered via online or connected channels. Using merchants' online platforms, customers may use their existing payment methods to complete transactions.

"New credit applications typically result in a period of time during which an initial transaction may be available or allowable in response to a credit application acceptance and usage. However, the generated card may only be available for the single usage, and may not be available for future transactions. Further, any credit account may result in contingent liability on the part of the providing merchant."

In addition to the background information obtained for this patent application, VerticalNews journalists also obtained the inventors' summary information for this patent application: "Pet beds provide comfortable resting and sleeping places for pets, such as dogs. However, a pet may become cold when resting on a pet bed. While a pet owner may place a blanket over a cold pet, the blanket often becomes displaced through the movement of the pet and must be placed by an owner atop the pet every time the pet leaves and returns to the bed. As such, a pet may become cold unless frequently attended by an owner."

The claims supplied by the inventors are:

"1. A system comprising: a communications module; at least one memory storing instructions and a repository for storing a set of credit accounts, each credit account associated with a user; at least one hardware processor interoperably coupled with the at least one memory and the communications module, wherein the instructions instruct the at least one hardware processor to: receive, via an assisted channel user terminal, a request to apply for a new credit account for a first customer, the request associated with an assisted channel interaction and a set of credit application information input by an associated assisted channel user on behalf of the first customer, wherein the set of customer-specific information is associated with the first customer; perform a credit adjudication process based on the set of credit application information input associated with the first customer; in response to an approval during the credit adjudication process, create a new credit account associated with the first customer, the new credit account associated with a set of payment information; identify a second system to which the set of payment information is to be provided; and transmit, via the communications module and through a first secure communication channel to an endpoint of the second system, a first signal including the set of payment information associated with the new credit account.

"2. The system of claim 1, wherein the second system includes a merchant system, and wherein the request to apply for the new credit account is associated with an identification of the merchant system.

"3. (canceled)

"4. The system of claim 2, wherein in response to receiving the first signal, the merchant system adds the set of payment information associated with the new credit account into a digital wallet at the merchant system for future purchases.

"5. The system of claim 2, wherein the first customer applies for a co-branded credit card associated with the merchant system via the assistance of the assisted channel user.

"6. The system of claim 2, wherein the instructions further instruct the at least one hardware processor to: identify a user device associated with the first customer; in response to the new credit account associated with the first customer being created, opening a second communication channel with a secure financial application executing at the identified user device, wherein the first communication channel and the second communication channel are different; and transmitting, via the communications module and through the second communication channel to the secure financial application executing at the identified user device, a second signal including the set of payment information associated with the new credit account.

"7. The system of claim 6, wherein, in response to receiving the second signal including the set of payment information associated with the new credit account, the secure financial application is operable to initiate a tokenization process to tokenize the set of payment information using a tokenization service to obtain a payment token corresponding to the set of payment information, wherein the payment token is integrated into a digital wallet available at the identified user device.

"8. The system of claim 1, wherein the instructions further instruct the at least one hardware processor to: in response to the new credit account associated with the first customer being created: identify a set of terms and conditions associated with the new credit account; and transmit, via the communications module and through a third communication channel associated with the first customer, the identified set of terms and conditions associated with the new credit account to the first customer.

"9. The system of claim 1, wherein the second system includes a user device associated with the first customer, and wherein the user device associated with the first customer is identified with an existing account associated with the first customer where a secure financial application executes; and wherein transmitting, via the communications module and through the first secure communication channel to the user device, the first signal includes: opening the first secure communication channel with the secure financial application executing at the user device; and transmitting, via the communications module and through the first secure communication channel to the secure financial application executing at the user device, the first signal including the set of payment information associated with the new credit account.

"10. A non-transitory, computer-readable medium storing computer-readable instructions executable by a computer and configured to: receive, via an assisted channel user terminal, a request to apply for a new credit account for a first customer, the request associated with an assisted channel interaction and a set of credit application information input by an associated assisted channel user on behalf of the first customer, wherein the set of customer-specific information is associated with the first customer; perform a credit adjudication process based on the set of credit application information input associated with the first customer; in response to an approval during the credit adjudication process, create a new credit account associated with the first customer, the new credit account associated with a set of payment information; identify a second system to which the set of payment information is to be provided; and transmit, via a communications module and through a first secure communication channel to an endpoint of the second system, a first signal including the set of payment information associated with the new credit account.

"11. The non-transitory, computer-readable medium of claim 10, wherein the second system includes a merchant system, and wherein the request to apply for the new credit account is associated with an identification of the merchant system.

"12. (canceled)

"13. The non-transitory, computer-readable medium of claim 11, wherein in response to receiving the first signal, the merchant system adds the set of payment information associated with the new credit account into a digital wallet at the merchant system for future purchases.

"14. The non-transitory, computer-readable medium of claim 11, wherein the first customer applies for a co-branded credit card associated with the merchant system via the assistance of the assisted channel user.

"15. The non-transitory, computer-readable medium of claim 11, wherein the instructions are configured to: identify a user device associated with the first customer; in response to the new credit account associated with the first customer being created, opening a second communication channel with a secure financial application executing at the identified user device, wherein the first communication channel and the second communication channel are different; and transmitting, via the communications module and through the second communication channel to the secure financial application executing at the identified user device, a second signal including the set of payment information associated with the new credit account.

"16. The non-transitory, computer-readable medium of claim 15, wherein, in response to receiving the second signal including the set of payment information associated with the new credit account, the secure financial application is operable to initiate a tokenization process to tokenize the set of payment information using a tokenization service to obtain a payment token corresponding to the set of payment information, wherein the payment token is integrated into a digital wallet available at the identified user device.

"17. The non-transitory, computer-readable medium of claim 10, wherein the instructions are configured to, in response to the new credit account associated with the first customer being created: identify a set of terms and conditions associated with the new credit account; and transmit, via the communications module and through a third communication channel associated with the first customer, the identified set of terms and conditions associated with the new credit account to the first customer.

"18. The non-transitory, computer-readable medium of claim 10, wherein the second system includes a user device associated with the first customer, and wherein the user device associated with the first customer is identified with an existing account associated with the first customer where a secure financial application executes; and wherein transmitting, via the communications module and through the first communication channel to the user device, the first signal includes: opening the first secure communication channel with the secure financial application executing at the user device; and transmitting, via the communications module and through the first secure communication channel to the secure financial application executing at the user device, the first signal including the set of payment information associated with the new credit account."

There are additional claims. Please visit full patent to read further.

URL and more information on this patent application, see: Bloy, Adrian; Fong, Julianne Helen; Gimbel, Trevor Ross; Klein-MacNeil, Morgan; Tam, Alan. Assisted Channel Credit Applications with Automatic Integration into Digital Wallets. Filed October 31, 2019 and posted May 6, 2021. Patent URL: <https://appft.uspto.gov/netacgi/nph-Parser?Sect1=PTO1&Sect2=HITOFF&d=PG01&p=1&u=%2Fnetacgi%2FPTO%2Fsrchnum.html&r=1&f=G&l=50&s1=%2220210133866%22.PGNR.&OS=DN/20210133866&RS=DN/20210133866>

Keywords for this news article include: Business, Computers, Data Input, Legal Issues, Toronto-Dominion Bank, Information Technology.

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Search Summary

Text	(hd=Toronto-Dominion Bank) and wc>100 and hd=(virtual real estate or virtual properties or digital real estate or digital real assets or digital properties or metaverse properties or digital plots or virtual plots or virtual land or virtual reality platform or manufacturing simulation or virtual simulation or digital twins or virtual manufacturing or immersive learning or mixed-reality learning or metaverse learning or VR learning or AR learning or VR training or virtual recruitment or 3d training or training metaverse or virtual retail or virtual shopping or virtual clienteling or omnichannel shopping or humanising digital retail or immersive virtual stores or 3d virtual store or metaverse shopping or virtual clothing or virtual goods or gaming or digital avatar or digital character or virtual game or 3D avatars or virtual reality or interoperable VR space or digital financial ecosystems or metaverse wallets or robo advisory or virtual financial data or digital bank branches or digital touchpoint or blockchain wallets or digital wallets or digital wedding or virtual wedding or virtual event or virtual concert or virtual theme park or virtual classroom or virtual learning or virtual school or immersive learning or metaverse)
Date	In the last year
Source	All Sources
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Results Found	1
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