

**Claim Chart Comparing Allowed Claims Of
U.S. Patent Application No. 16/176,946 (“Child Application”) With
Challenged Claims 1-30 Of U.S. Patent No. 10,135,771 (“’771 Patent”)**

Child Application, Claim 25	’771 Patent, Claim 1
A non-transitory computer-readable storage medium storing instructions to be implemented by a first computer having a processor, wherein the instructions, when executed by the processor, cause the first computer to perform steps comprising:	A non-transitory computer-readable storage medium storing instructions to be implemented by a first computer having a processor, where the instructions, when executed by the processor, cause the first computer to perform steps comprising:
receiving a token from an intermediary server; and	receiving a token issued by an intermediary server; and
transmitting a transaction message comprising payload data to the intermediary server,	transmitting transaction message comprising payload data to the intermediary server,
wherein the payload data is transmitted to a second computer by the intermediary server based on the token and the intermediary server is coupled to the second computer over a mobile network.	wherein the payload data is transmitted to a second computer by the intermediary server based on the token and the intermediary server is coupled to the second computer over a mobile network.

Child Application, Claim 26	’771 Patent, Claim 2
The non-transitory computer-readable storage medium of claim 25, wherein the payload data has a first security association that is not known to the intermediary server.	The non-transitory computer-readable storage medium of claim 1, wherein the payload data has a security association that is not known to the intermediary server.

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Child Application, Claim 27	’771 Patent, Claim 3
The non-transitory computer-readable storage medium of claim 26, wherein the transaction message further comprises control data having a second security association.	The non-transitory computer-readable storage medium of claim 2, wherein the transaction message further comprises control data having a security association.

Child Application, Claim 28	’771 Patent, Claim 4
The non-transitory computer-readable storage medium of claim 27, wherein the control data comprises the token.	The non-transitory computer-readable storage medium of claim 3, wherein the control data comprises the token.

Child Application, Claim 29	’771 Patent, Claim 5
The non-transitory computer-readable storage medium of claim 28, wherein the intermediary server identifies and authenticates the transaction message based on the token.	The non-transitory computer-readable storage medium of claim 4, wherein the intermediary server identifies and authenticates the transaction message based on the token.

Child Application, Claim 30	’771 Patent, Claim 6
The non-transitory computer-readable storage medium of claim 29, wherein the token provides transaction routing information to the intermediary server.	The non-transitory computer-readable storage medium of claim 5, wherein the token provides transaction routing information to the intermediary server.

Child Application, Claim 31	’771 Patent, Claim 7
The non-transitory computer-readable storage medium of claim 25, wherein the token is issued by the intermediary server and the token is associated with a registration of a user to the intermediary server.	The non-transitory computer-readable storage medium of claim 1, wherein the token is issued in response to a registration of a user to the intermediary server.

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Child Application, Claim 32	’771 Patent, Claim 8
The non-transitory computer-readable storage medium of claim 31, wherein the registration comprises authenticating a received username and password by the intermediary server to a user database.	The non-transitory computer-readable storage medium of claim 7, wherein the registration comprises authenticating a received username and password by the intermediary server to a user database.
Child Application, Claim 34	’771 Patent, Claim 9
The non-transitory computer-readable storage medium of claim 25, wherein mobile network provides an Internet protocol (IP) infrastructure of a wireless service provider.	The non-transitory computer-readable storage medium of claim 1, wherein mobile network provides an Internet protocol (IP) infrastructure of a wireless service provider.
Child Application, Claim 27	’771 Patent, Claim 10
The non-transitory computer-readable storage medium of claim 26, wherein the transaction message further comprises control data having a second security association.	The non-transitory computer-readable storage medium of claim 1, wherein the transaction message further comprises control data having a security association.
Child Application, Claim 28	’771 Patent, Claim 11
The non-transitory computer-readable storage medium of claim 27, wherein the control data comprises the token.	The non-transitory computer-readable storage medium of claim 10, wherein the control data comprises the token.

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Child Application, Claim 29	’771 Patent, Claim 12
The non-transitory computer-readable storage medium of claim 28, wherein the intermediary server identifies and authenticates the transaction message based on the token.	The non-transitory computer-readable storage medium of claim 11, wherein the intermediary server identifies and authenticates the transaction message based on the token.

Child Application, Claim 30	’771 Patent, Claim 13
The non-transitory computer-readable storage medium of claim 29, wherein the token provides transaction routing information to the intermediary server.	The non-transitory computer-readable storage medium of claim 12, wherein the token provides transaction routing information to the intermediary server.

Child Application, Claim 35	’771 Patent, Claim 14
A method implemented on a first computer, the method comprising:	A method implemented on a first computer, the method comprising:
receiving a token from an intermediary server; and	receiving a token issued by an intermediary server; and
transmitting a transaction message comprising payload data to the intermediary server,	transmitting a transaction message comprising payload data to the intermediary server,
wherein the payload data is transmitted to a second computer by the intermediary server based on the token and the intermediary server is coupled to the second computer over a mobile network.	wherein the payload data is transmitted to a second computer by the intermediary server based on the token and the intermediary server is coupled to the second computer over a mobile network.

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Child Application, Claim 36	’771 Patent, Claim 15
The method of claim 35, wherein the payload data has a first security association that is not known to the intermediary server.	The method of claim 14, wherein the payload data has a security association that is not known to the intermediary server.

Child Application, Claim 37	’771 Patent, Claim 16
The method of claim 36, wherein the transaction message further comprises control data having a second security association.	The method of claim 15, wherein the transaction message further comprises control data having a security association.

Child Application, Claim 38	’771 Patent, Claim 17
The method of claim 37, wherein the control data comprises the token.	The method of claim 16, wherein the control data comprises the token.

Child Application, Claim 39	’771 Patent, Claim 18
The method of claim 38, wherein the intermediary server identifies and authenticates the transaction message based on the token.	The method of claim 17, wherein the intermediary server identifies and authenticates the transaction message based on the token.

Child Application, Claim 40	’771 Patent, Claim 19
The method of claim 35, wherein the token provides transaction routing information to the intermediary server.	The method of claim 18, wherein the token provides transaction routing information to the intermediary server.

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