IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	)	Art Unit: 3992
	)	
Derry Shribman *et al.*	)	Examiner: Saadat, Cameron
	)	
For: System providing faster and more efficient data communication	)	Washington, D.C.
	)	November 29, 2022

ATTY.'S DOCKET: HOLA-005-US15-EPR

Appln. No.: 90/014,652	)	Confirmation No. 2947
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Filed: January 12, 2021	)	

ATTY.'S DOCKET: HOLA-005-US15-EPR2

Appln. No.: 90/014,816	)	Confirmation No. 3047
	)	
Filed: July 30, 2021	)	

RESPONSE / AMENDMENT:

Mail Stop Ex Parte Reexam
Central Reexamination Unit
U.S. Patent and Trademark Office
Randolph Building, 401 Dulany Street
Alexandria, VA 22314

Sir:

In response to the Office Action dated September 29, 2022 ("Action"):

Claims are listed beginning on page 2 of this paper.

Remarks/Arguments begin on page 14 of this paper.

Data Co Exhibit 1118

Listing of claims:

1. (Original) A method for use with a requesting client device that comprises an Hypertext Transfer Protocol (HTTP) or Hypertext Transfer Protocol Secure (HTTPS) client, for use with a first web server that is a HTTP or HTTPS server that respectively responds to HTTP or HTTPS requests and stores a first content identified by a first content identifier, for use with a second server distinct from the first web server and identified in the Internet by a second IP address, and for use with a list of IP addresses, the method comprising:

identifying, by the requesting client device, an HTTP or HTTPS request for the first content;

selecting, by the requesting client device, an IP address from the list;

sending, by the requesting client device, to the second server using the second IP address over the Internet in response to the identifying and the selecting, the first content identifier and the selected IP address; and

receiving, by the requesting client device, over the Internet in response to the sending, from the second server using the selected IP address, the first content.

2. (Original) The method according to claim 1, wherein the selecting is further based on a response time when communicating with the requesting client device.

3. (Original) The method according to claim 2, wherein the selected IP address is associated with a first client device that is the quickest to respond to queries from the requesting client device.

4. (Original) The method according to claim 3, further comprising sending, by the requesting client device, a notification message to a device from a plurality of client devices that was not selected as part of the selecting.

5. (Original) The method according to claim 1, for use with a first application stored in the requesting client device and associated with a first version number, wherein the sending comprises sending the first version number.

6. (Currently Amended) The method according to claim 5, for use with a second application that is a version of the first application and is stored in the second server and associated with a second version number, [wherein]the method further comprising receiving, by the requesting client device from the second server, in response to the sending of the first version number, a message that comprises the second version number.

7. (Currently Amended) The method according to claim 6, [wherein the method]further comprising downloading over the Internet, by the requesting client device from the second server, in response to the receiving of the second version number, the second application from the second server, and installing the second application by the requesting client device as a replacement for the first application.

8. (Original) The method according to claim 1, further comprising determining, by the requesting client device, that the received part of, or the whole of, the first content, is valid.

9. (Original) The method according to claim 8, wherein the determining is based on a received HTTP header according to, or based on, IETF RFC 2616.

10. (Original) The method according to claim 9, further comprising:

sending, a message over the Internet in response to the determining that the received part of, or the whole of, the first content, is not valid; and

receiving, over the Internet in response to the sending of the message, from a second client device selected from the plurality of client devices, the part of, or the whole of, the first content.

11. (Original) The method according to claim 1, wherein each of the IP addresses in the list is associated with a geographical location.

12. (Original) The method according to claim 11, wherein the selecting is based on the geographical location.

13. (Original) The method according to claim 1, for use with a plurality of client devices each identified by a distinct IP address in the list, wherein the selected IP address is associated with a first client device is selected from the plurality of client devices.

14. (Original) The method according to claim 13, further comprising establishing, by the requesting client device, a Transmission Control Protocol (TCP) connection with the second server or with the first client device using TCP/IP protocol.

15. (Original) The method according to claim 1, further comprising periodically communicating between the second server and the requesting client device.

16. (Original) The method according to claim 15, wherein the periodically communicating comprises exchanging 'keep alive' messages.

17. (Original) The method according to claim 1, further comprising executing, by the requesting client device, a web/Internet browser application or an email application.

18. (Original) The method according to claim 17, wherein the identifying comprises intercepting, by a driver in the requesting client device, the request for the first content respectively from the web browser application or the email application.

19. (Original) The method according to claim 1, further comprising storing, by the requesting client device, the part of, or the whole of, the received first content.

20. (Original) The method according to claim 19, further comprising:

receiving, by the requesting client device from a second device over the Internet, a request for the part of, or the whole of, the first content; and

sending, in response to the received request by the requesting client device to the second device over the Internet, the part of, or the whole of, the stored first content.

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