



US 20230232224A1

(19) **United States**(12) **Patent Application Publication**
Hamblet(10) **Pub. No.: US 2023/0232224 A1**(43) **Pub. Date: Jul. 20, 2023**(54) **METHODS AND SYSTEMS FOR PUSHING
DATA TO CLIENT DEVICES OVER A
TELECOMMUNICATIONS DATA NETWORK***H04W 4/14* (2006.01)*H04W 12/72* (2006.01)(52) **U.S. CL.**CPC *H04W 12/068* (2021.01); *H04W 12/73*(2021.01); *H04W 4/14* (2013.01); *H04W**12/72* (2021.01)(71) Applicant: **Teal Communications, Inc.**, Bellevue,
WA (US)(72) Inventor: **Robert Martin Hamblet**, Sammamish,
WA (US)(21) Appl. No.: **17/578,090**(22) Filed: **Jan. 18, 2022****Publication Classification**(51) **Int. CL.***H04W 12/06* (2006.01)*H04W 12/73* (2006.01)(57) **ABSTRACT**

Methods and/or systems for pushing data to identity components installed in the client devices. The systems include a credential management server, a network modem, and/or an identity component. The methods include establishing communications between a credential management server and an identity component.

