



US 20230231961A1

(19) **United States**(12) **Patent Application Publication****Thillainayagam et al.**(10) **Pub. No.: US 2023/0231961 A1**(43) **Pub. Date: Jul. 20, 2023**(54) **METHODS AND SYSTEMS FOR MANAGING MULTIPLE SCAN REQUESTS**(71) Applicant: **XEROX CORPORATION**, Norwalk, CT (US)(72) Inventors: **Shankaranarayanan Thillainayagam**, Chennai (IN); **Sudhakar Navamani**, Chennai (IN); **Surendranath Narayanan Arunachalam**, Chennai (IN); **Umapathy Bomman**, Chennai (IN)(73) Assignee: **Xerox Corporation**, Norwalk, CT (US)(21) Appl. No.: **17/577,557**(22) Filed: **Jan. 18, 2022****Publication Classification**(51) **Int. Cl.**
H04N 1/00 (2006.01)(52) **U.S. Cl.**CPC **H04N 1/00082** (2013.01); **H04N 1/00079** (2013.01); **H04N 1/00411** (2013.01); **H04N 1/00037** (2013.01); **H04N 1/00018** (2013.01); **H04N 1/00076** (2013.01)

(57)

ABSTRACT

The present disclosure discloses methods and systems for managing multiple scan requests received at a multi-function device. The method includes receiving a scan request from a remote computing device of a remote user. Before executing the scan request, two conditions are checked. It is checked if document is present on a scanning platform of the multi-function device and further it is checked if one or more activities on a user interface of the multi-function device, are being performed. Based on the presence of the document on the scanning platform and the one or more activities on the user interface, the scan request received from the remote user is disallowed. This way, multiple scanned requests are managed at the multi-function device.

