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(19) **United States**(12) **Patent Application Publication****Warkentin et al.**(10) **Pub. No.: US 2023/0231896 A1**(43) **Pub. Date: Jul. 20, 2023**(54) **SCALABLE DECENTRALIZED MEDIA DISTRIBUTION**(71) Applicant: **PLEORA TECHNOLOGIES INC.**,
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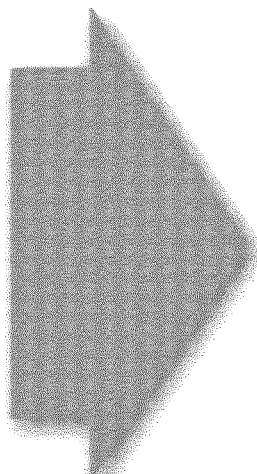
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(2022.05); **H04L 65/611** (2022.05)(57) **ABSTRACT**

Described herein are various embodiments of decentralized media distribution systems, devices and methods over a scalable local network. Embodiments relate to scalable media distribution amongst media data components comprising at least one media acquisition unit for acquiring source media data, and at least one media presentation unit for processing source media data. Embodiments may comprise two or more transceiver units comprising: at least two source media signal ports for receiving source media signals and transmitting source media signals from and to one of the media presentation units; a signal converter operable to packetize source media signals for communication over said packetized communications network, and to convert packetized network media signals to source media signals for communicating to the media presentation units; and a packetized network media data transceiver operable to multicast and receive packetized network media signals over a packetized communications network to and from any other transceiver unit.

End User Application	
7	Application
6	Presentation
5	Session
4	Transport
3	Network
2	Data Link
1	Physical



End User Application	
5-7	GiGE[®] V I S I O N
4	UDP
3	IP
2	Ethernet
1	Copper/Fiber