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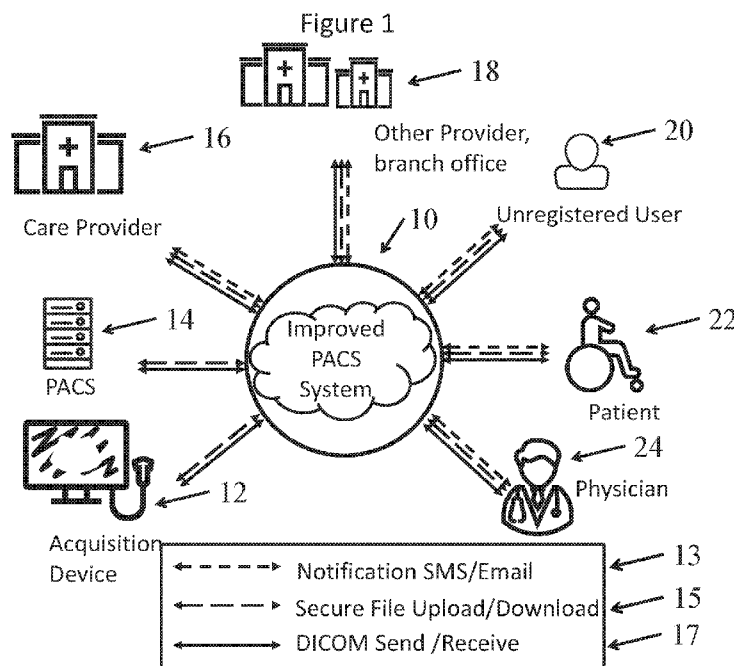
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(54) Title: CLOUD-BASED IMAGE ACCESS SYSTEMS AND METHODS



(57) Abstract: The system may include a method comprising requesting, by a computer, a receiver identifier associated with a receiver; receiving, by the computer, the receiver identifier in association with content; constructing, by the computer, a URL link comprising access to DICOM viewer code, DICOM data for the selected images, a sender identifier and the receiver identifier; generating, by the computer, a notification to the receiver, wherein the notification includes the URL link; and transmitting, by the computer, the notification to a receiver based on the receiver identifier.



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**AMENDED CLAIMS**  
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**Claims**

1. A method comprising:
  - receiving, by a computer using a DICOM protocol, an IP address and a port number;
  - receiving, by the computer using the DICOM protocol, a receiver identifier;
  - 5 establishing, by the computer using the DICOM protocol, a connection based on the IP address and the port number;
  - comparing, by the computer using the DICOM protocol, the receiver identifier with a table of receiver identifiers;
  - receiving, by the computer using the DICOM protocol, content from the IP address;
  - 10 storing, by the computer using the DICOM protocol, the content in association with the receiver identifier, in response to the receiver identifier not being included in the table of receiver identifiers;
  - receiving, by the computer using the DICOM protocol, a registration for the receiver identifier; and
  - 15 transferring, by the computer using the DICOM protocol, the content to an account associated with the receiver identifier, in response to the receiving the registration for the receiver identifier.
2. The method of claim 1, wherein the content is a medical image.
- 20 3. The method of claim 1, wherein the content is a medical image that is only viewable with DICOM viewer code.
- 4.-5. (cancelled)
6. The method of claim 1, wherein the receiver identifier is at least one of an Application  
25 Entity Title (AE Title), a receiver email address, receiver cell phone number or a receiver social security number.
- 7.-10. (cancelled)
11. The method of claim 1, wherein prior communications to overcome firewall and security settings are not needed.
- 30 12.-18. (cancelled)
19. An image access system comprising:
  - a processor; and
  - a tangible, non-transitory memory configured to communicate with the processor,

the tangible, non-transitory memory having instructions stored thereon that, in response to execution by the processor, cause the processor to perform operations comprising:

receiving, by the processor using a DICOM protocol, an IP address and a port number;

receiving, by the processor using the DICOM protocol, a receiver identifier;

5 establishing, by the processor using the DICOM protocol, a connection based on the IP address and the port number;

comparing, by the processor using the DICOM protocol, the receiver identifier with a table of receiver identifiers;

receiving, by the processor using the DICOM protocol, content from the IP address;

10 storing, by the processor using the DICOM protocol, the content in association with the receiver identifier, in response to the receiver identifier not being included in the table of receiver identifiers;

receiving, by the processor using the DICOM protocol, a registration for the receiver identifier; and

15 transferring, by the processor using the DICOM protocol, the content to an account associated with the receiver identifier, in response to the receiving the registration for the receiver identifier.

20. An article of manufacture including a non-transitory, tangible computer readable storage medium having instructions stored thereon that, in response to execution by a computer, cause the computer to perform operations comprising:

receiving, by the computer using a DICOM protocol, an IP address and a port number;

receiving, by the computer using the DICOM protocol, a receiver identifier;

25 establishing, by the computer using the DICOM protocol, a connection based on the IP address and the port number;

comparing, by the computer using the DICOM protocol, the receiver identifier with a table of receiver identifiers;

receiving, by the computer using the DICOM protocol, content from the IP address;

30 storing, by the computer using the DICOM protocol, the content in association with the receiver identifier, in response to the receiver identifier not being included in the table of receiver identifiers;

receiving, by the computer using the DICOM protocol, a registration for the receiver identifier; and

transferring, by the computer using the DICOM protocol, the content to an account associated with the receiver identifier, in response to the receiving the registration for the receiver identifier.

5