

## ABSTRACT

### A METHOD AND COMPUTER PROGRAM PRODUCT FOR TASK MANAGEMENT ON LATE CLINICAL INFORMATION

When standardized messages comprising additional clinical information are received (101; 201) by a system for task management on clinical information, the system shall use the metadata of the standardized messages to automatically verify (102; 203) if a report already exists for the medical procedure where the additional clinical information belongs to. When a report already exists, a workflow engine is triggered to automatically create (103; 204) in the system a task for the author of the report to verify the existing report in view of the additional clinical information received. Thereby, the sending of manually entered notifications by e-mail or sms is avoided.

Fig. 1

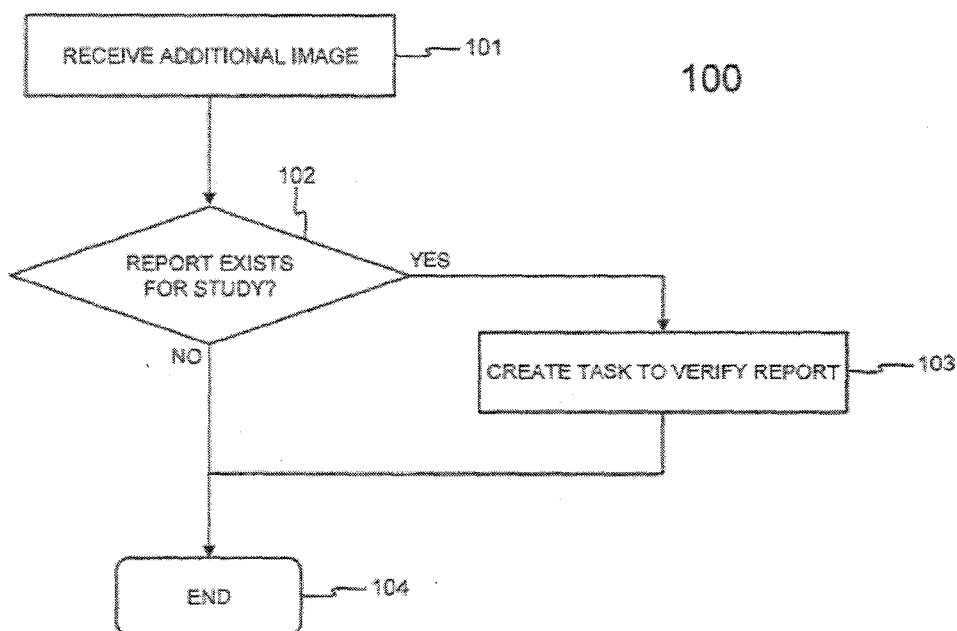


Fig. 1

## **MARKED-UP SHEETS**

**WE CLAIM:**

1. A computer-implemented method (100; 200) for operating a data processing  
5 system for task management on clinical information, said method comprising:
  - receiving (101; 201) by said system Digital Imaging and Communications  
in Medicine (DICOM) or HL7 or EDIFACT-EDI standardized messages  
comprising additional clinical information in relation to a medical procedure,  
additional to already stored information on said medical procedure;
  - 10 - verifying (102; 203) via metadata in said standardized messages if a  
report already exists in said system for said medical procedure; and
  - triggering a workflow engine to automatically create (103; 204) in said  
system a task for verification of said report in view of said additional clinical  
information received to thereby avoid sending manually entered notifications  
15 by e-mail or sms.
2. A computer-implemented method (200) according to claim 1, further  
comprising:
  - applying (205) assignment rules to said task for assigning said task to a  
20 person or team using said system.
3. A computer-implemented method (200) according to ~~any of the preceding~~  
~~claims~~claim 1, further comprising:
  - sending (206) a notification to inform one or more users of said system on  
25 said task; and
  - updating (206) for said one or more users each task list whose query  
matches with said task.
4. A computer-implemented method according to ~~any of the preceding~~  
30 ~~claims~~claim 1, further comprising:
  - adding comments to said task.

5. A computer-implemented method according to ~~any of the preceding~~  
~~claims~~claim 1, further comprising:  
- adding escalation rules to said task to be applied when said task is not  
executed within a set time interval.
6. A computer-implemented method according to ~~any of the preceding~~  
~~claims~~claim 1, further comprising:  
- triggering a distribution flow for an updated version of said report.
7. A computer-implemented method according to ~~any of the preceding~~  
~~claims~~claim 1, wherein said additional clinical information is a belated medical  
image.
8. A computer-implemented method (200) according to claim 7, wherein a type of  
said belated image is verified (202) and said task for verification of said report  
is only generated when said belated image is of a predefined type.
9. A data processing system comprising means for carrying out the computer-  
implemented method of ~~any of claims 1 to 8~~claim 1.
10. A computer program comprising software code adapted to perform the  
computer-implemented method of ~~any of claims 1 to 8~~claim 1.
11. A computer readable storage medium comprising the computer program of  
~~any of claims~~claim 1 to 8.

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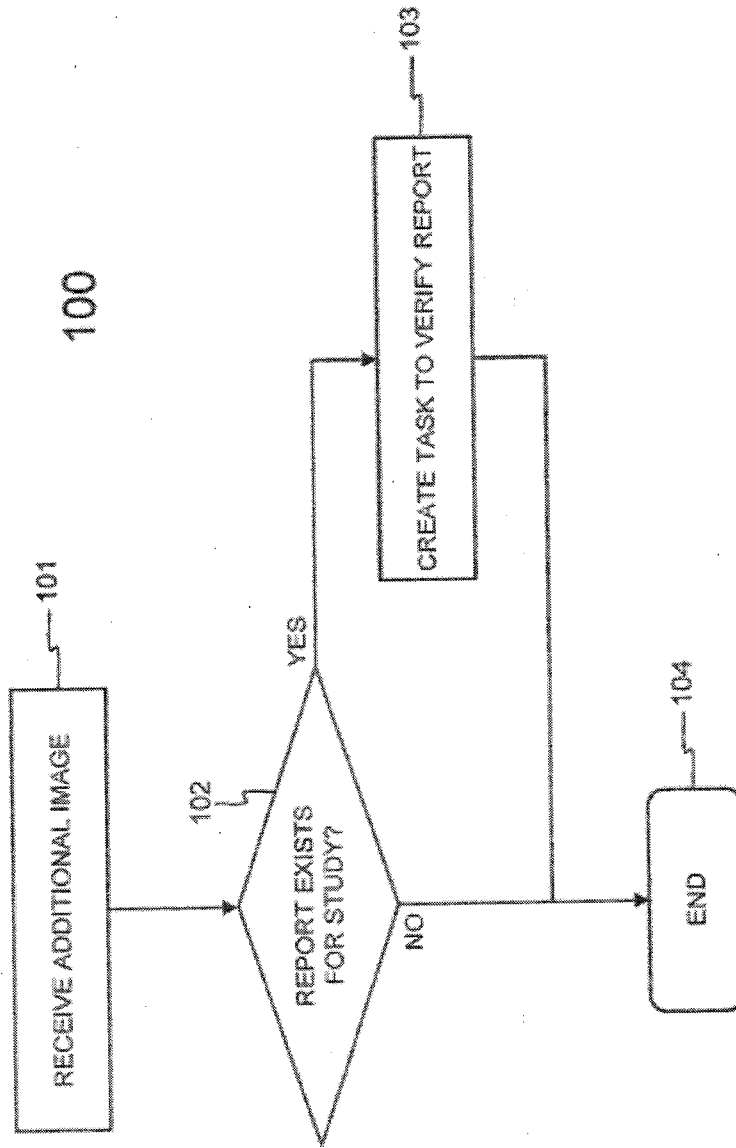


Fig. 1

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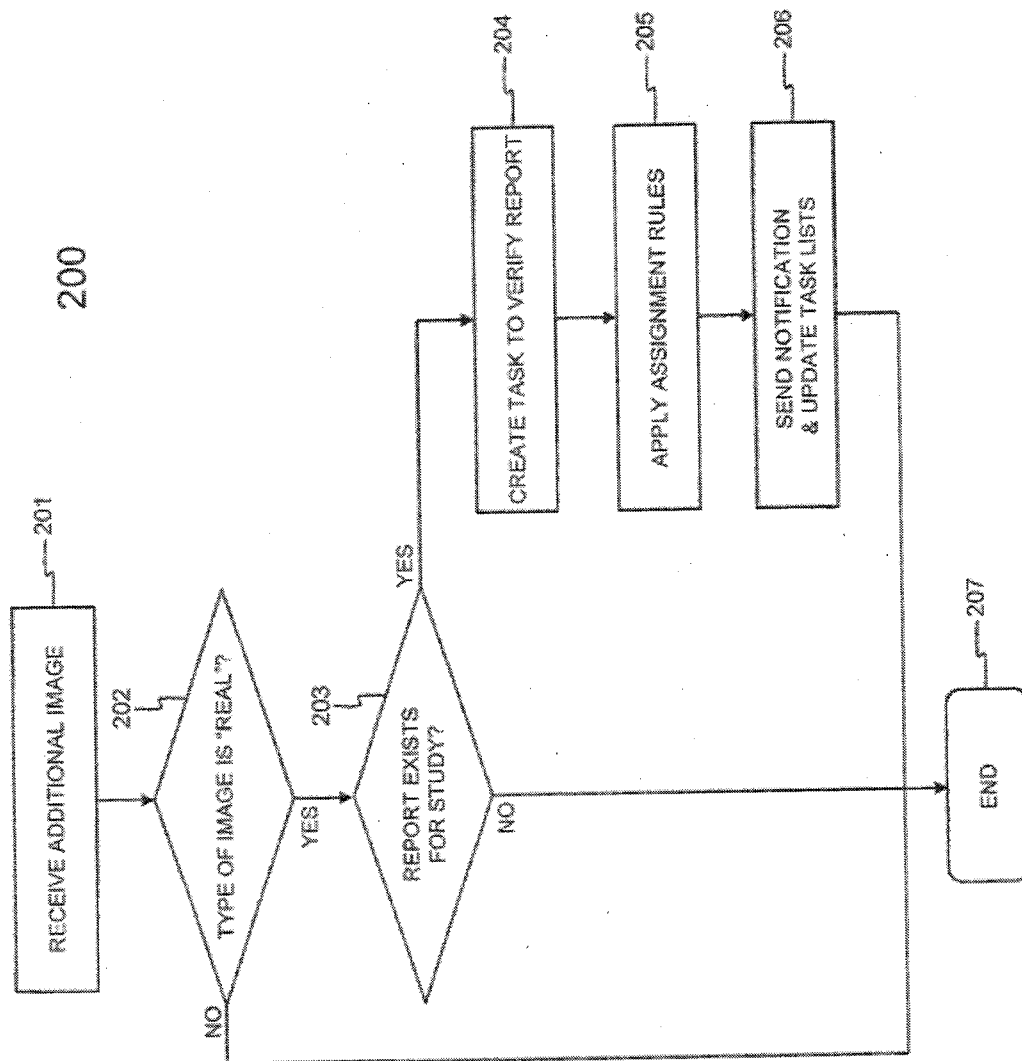


Fig. 2

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