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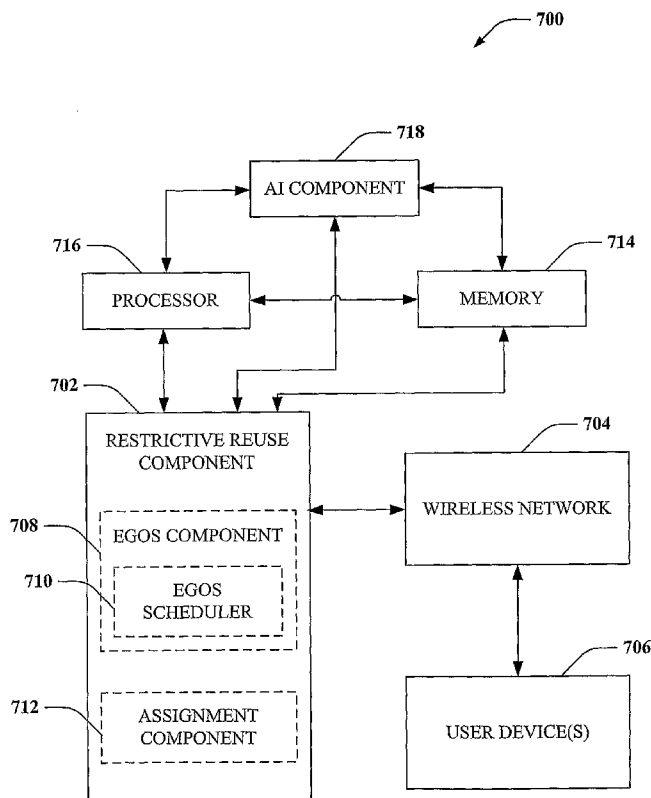
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Declarations under Rule 4.17:

— as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))

[Continued on next page]

(54) Title: RESTRICTIVE REUSE SET MANAGEMENT ALGORITHM FOR EQUAL GRADE OF SERVICE ON FORWARD LINK TRANSMISSION



(57) Abstract: Systems and methodologies are described that facilitate restrictive reuse resource set management with equal grade of service on forward link transmission. User throughput over a resource reuse set can be estimated, and an iterative method can be employed to reallocate users with poor spectral efficiency to reuse sets exhibiting high throughput to optimize overall throughput in a wireless network or a portion thereof.



- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

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