~~CLAIMS~~

~~**What is claimed is:**~~

CLAIMS

1. A method for wireless communications at a user equipment (UE), comprising:

receiving control signaling indicating a truncating configuration for truncating one or more fields of an initial identification indicator;

generating a truncated identification indicator for the UE according to the truncating configuration by removing ~~one or more bits from the initial identification indicator~~a number of most significant bits from at least one of the one or more fields of the initial identification indicator according to the truncating configuration, wherein removing the number of most significant bits generates one or more truncated fields, and by concatenating the one or more truncated fields, wherein the truncated identification indicator comprises the concatenated one or more truncated fields; and

transmitting the truncated identification indicator to a base station.

2. The method of claim 1, further comprising:

identifying a number of least significant bits of the one or more fields of the initial identification indicator based at least in part on the truncating configuration; and

generating the truncated identification indicator comprising the identified number of least significant bits of the one or more fields.

~~3. The method of claim 1, wherein generating the truncated identification indicator further comprises:~~

~~removing the one or more bits from the initial identification indicator by removing a number of most significant bits from at least one of the one or more fields of the initial identification indicator according to the truncating configuration, wherein removing the number of most significant bits generates one or more truncated fields; and~~

~~concatenating the one or more truncated fields, wherein the truncated identification indicator comprises the concatenated one or more truncated fields.~~

~~4~~3. The method of claim 1, wherein the truncated identification indicator comprises a concatenation of the one or more fields of the initial identification indicator,

wherein at least one of the one or more fields is truncated according to the truncating configuration.

~~5~~4. The method of claim 1, wherein each field of the one or more fields of the initial identification indicator comprises a fixed number of bits.

~~6~~5. The method of claim 1, wherein generating the truncated identification indicator further comprises:

truncating a first field of the one or more fields of the initial identification indicator based at least in part on a number of bits within a second field of the one or more fields of the truncated identification indicator.

~~7~~6. The method of claim 1, wherein the one or more fields of the initial identification indicator comprise a network function identifier field and a UE identifier field.

~~8~~7. The method of claim 1, wherein the truncated identification indicator comprises a temporary mobile subscription identifier.

~~9~~8. The method of claim 1, wherein the control signaling comprises dedicated control signaling or broadcast control signaling.

~~10~~9. The method of claim 1, wherein the truncated identification indicator is a radio resource control connection reestablishment message for narrowband-internet of things.

~~11~~10. The method of claim 1, further comprising:

establishing a connection with the base station based at least in part on transmitting the truncated identification indicator.

~~12~~11. The method of claim 1, wherein receiving the control signaling comprises:

receiving the control signaling from an access and mobility management function.

~~13~~12. A method for wireless communications at a network comprising an access and mobility management function and a base station, comprising:

determining, by the access and mobility management function, a truncating configuration for truncating one or more fields of an initial identification indicator by removing one or more bits from the initial identification indicator, the truncating configuration based at least in part on a number of possible values stored in each field of the one or more fields;

transmitting, by the access and mobility management function, control signaling indicating the truncating configuration; and

receiving, by the base station, a truncated identification indicator based at least in part on the truncating configuration, wherein the truncated identification indicator is a result of removing a number of most significant bits from at least one of the one or more fields of the initial identification indicator according to the truncating configuration, wherein removing the number of most significant bits generates one or more truncated fields, and wherein the truncated identification indicator is the result of concatenating the one or more truncated fields according to the truncating configuration, wherein the truncated identification indicator comprises the concatenated one or more truncated fields.

~~14~~13. The method of claim ~~13~~12, further comprising:

adding a number of bits to the received truncated identification indicator to generate a restored identification indicator comprising a same number of bits as the initial identification indicator.

~~15~~14. The method of claim ~~13~~12, further comprising:

identifying a number of least significant bits of the one or more fields of the initial identification indicator, wherein the truncating configuration is based at least in part on the identified number of least significant bits and the truncated identification indicator comprises the identified number of least significant bits of the one or more fields.

~~16~~15. The method of claim ~~13~~12, wherein the truncated identification indicator comprises a concatenation of the one or more fields of the initial identification indicator, wherein at least one of the one or more fields is truncated according to the truncating configuration.

~~17~~16. The method of claim ~~13~~12, wherein each field of the one or more fields of the initial identification indicator comprises a fixed number of bits.

~~18~~17. The method of claim ~~13~~12, wherein determining the truncating configuration further comprises:

determining to truncate a first field of the one or more fields of the initial identification indicator based at least in part on a number of bits within a second field of the one or more fields of the truncated identification indicator.

~~19~~18. The method of claim ~~13~~12, wherein the one or more fields of the initial identification indicator comprise a network function identifier field and a UE identifier field.

~~20~~19. The method of claim ~~13~~12, wherein the truncated identification indicator comprises a temporary mobile subscription identifier.

~~21~~20. The method of claim ~~13~~12, wherein the control signaling comprises dedicated control signaling or broadcast control signaling.

~~22~~21. The method of claim ~~13~~12, wherein the truncated identification indicator is a radio resource control connection reestablishment message for narrowband-internet of things.

~~23~~22. The method of claim ~~13~~12, further comprising:

establishing a connection with a user equipment (UE) based at least in part on receiving the truncated identification indicator.

23. An apparatus for wireless communications at a user equipment (UE), comprising:

a processor,

memory coupled with the processor; and

instructions stored in the memory and executable by the processor to cause the apparatus to:

receive control signaling indicating a truncating configuration for truncating one or more fields of an initial identification indicator;

generate a truncated identification indicator for the UE according to the truncating configuration by removing a number of most significant bits from at least

one of the one or more fields of the initial identification indicator according to the truncating configuration, wherein removing the number of most significant bits generates one or more truncated fields, and by concatenating the one or more truncated fields, wherein the truncated identification indicator comprises the concatenated one or more truncated fields; and

transmit the truncated identification indicator to a base station.

24. The apparatus of claim 23, wherein the instructions are further executable by the processor to cause the apparatus to:

identify a number of least significant bits of the one or more fields of the initial identification indicator based at least in part on the truncating configuration; and

generate the truncated identification indicator comprising the identified number of least significant bits of the one or more fields.

25. The apparatus of claim 23, wherein the truncated identification indicator comprises a concatenation of the one or more fields of the initial identification indicator, wherein at least one of the one or more fields is truncated according to the truncating configuration.

26. The apparatus of claim 23, wherein each field of the one or more fields of the initial identification indicator comprises a fixed number of bits.

27. The apparatus of claim 23, wherein the instructions for generating the truncated identification indicator are further executable by the processor to cause the apparatus to:

truncate a first field of the one or more fields of the initial identification indicator based at least in part on a number of bits within a second field of the one or more fields of the truncated identification indicator.

28. The apparatus of claim 23, wherein the one or more fields of the initial identification indicator comprise a network function identifier field and a UE identifier field.

29. The apparatus of claim 23, wherein the truncated identification indicator comprises a temporary mobile subscription identifier.

30. The apparatus of claim 23, wherein the control signaling comprises dedicated control signaling or broadcast control signaling.

31. The apparatus of claim 23, wherein the truncated identification indicator is a radio resource control connection reestablishment message for narrowband-internet of things.

32. The apparatus of claim 23, wherein the instructions are further executable by the processor to cause the apparatus to:

establish a connection with the base station based at least in part on transmitting the truncated identification indicator.

33. The apparatus of claim 23, wherein the instructions for receiving the control signaling are further executable by the processor to cause the apparatus to:

receive the control signaling from an access and mobility management function.

~~24~~34. An apparatus for wireless communications at a user equipment (UE), comprising:

means for receiving control signaling indicating a truncating configuration for truncating one or more fields of an initial identification indicator;

means for generating a truncated identification indicator for the UE according to the truncating configuration by removing ~~one or more bits from the initial identification indicator~~a number of most significant bits from at least one of the one or more fields of the initial identification indicator according to the truncating configuration, wherein removing the number of most significant bits generates one or more truncated fields, and by concatenating the one or more truncated fields, wherein the truncated identification indicator comprises the concatenated one or more truncated fields; and

means for transmitting the truncated identification indicator to a base station.

~~25. The apparatus of claim 24, further comprising:~~

~~means for identifying a number of least significant bits of one or more fields of the initial identification indicator based at least in part on the truncating configuration; and~~

~~means for generating the truncated identification indicator comprising the identified number of least significant bits of the one or more fields.~~

~~26. The apparatus of claim 24, further comprising:~~

~~means for removing the one or more bits from the initial identification indicator by removing a number of most significant bits from at least one of the one or more fields of the initial identification indicator according to the truncating configuration, wherein removing the number of most significant bits generates one or more truncated fields; and~~

~~means for concatenating the one or more truncated fields, wherein the truncated identification indicator comprises the concatenated one or more truncated fields.~~

~~27. The apparatus of claim 24, wherein the truncated identification indicator comprises a concatenation of the one or more fields of the initial identification indicator, wherein at least one of the one or more fields is truncated according to the truncating configuration.~~

~~28. The apparatus of claim 24, wherein each field of the one or more fields of the initial identification indicator comprises a fixed number of bits.~~

~~29. The apparatus of claim 24, wherein the means for generating the truncated identification indicator further comprises:~~

~~means for truncating a first field of the one or more fields of the initial identification indicator based at least in part on a number of bits within a second field of one or more fields of the truncated identification indicator.~~

~~30. The apparatus of claim 24, wherein the one or more fields of the initial identification indicator comprise a network function identifier field and a UE identifier field.~~

~~31. The apparatus of claim 24, wherein the truncated identification indicator comprises a temporary mobile subscription identifier.~~

~~32. The apparatus of claim 24, wherein the control signaling comprises dedicated control signaling or broadcast control signaling.~~

~~33. The apparatus of claim 24, wherein the truncated identification indicator is a radio resource control connection reestablishment message for narrowband-internet of things.~~

~~34. The apparatus of claim 24, further comprising:~~

~~means for establishing a connection with the base station based at least in part on transmitting the truncated identification indicator.~~

~~35. The apparatus of claim 24, wherein the means for receiving the control signaling further comprises:~~

~~means for receiving the control signaling from an access and mobility management function.~~

~~36. An apparatus for wireless communications at a user equipment (UE), comprising:~~

~~a processor,~~

~~memory in electronic communication with the processor, and~~

~~instructions stored in the memory and executable by the processor to cause the apparatus to:~~

~~receive control signaling indicating a truncating configuration for truncating one or more fields of an initial identification indicator;~~

~~generate a truncated identification indicator for the UE according to the truncating configuration by removing one or more bits from the initial identification indicator; and~~

~~transmit the truncated identification indicator to a base station.~~

~~37~~35. A wireless communications network comprising an access and mobility management function and a base station, comprising:

means for determining, by the access and mobility management function, a truncating configuration for truncating one or more fields of an initial identification indicator by removing one or more bits from the initial identification indicator, the truncating configuration based at least in part on a number of possible values stored in each field of the one or more fields;

means for transmitting, by the access and mobility management function, control signaling indicating the truncating configuration; and

means for receiving, by the base station, a truncated identification indicator based at least in part on the truncating configuration, wherein the truncated identification indicator is a result of removing a number of most significant bits from at least one of the one or more fields of the initial identification indicator according to the truncating configuration,

wherein removing the number of most significant bits generates one or more truncated fields, and wherein the truncated identification indicator is the result of concatenating the one or more truncated fields according to the truncating configuration, wherein the truncated identification indicator comprises the concatenated one or more truncated fields.

~~38~~36. A non-transitory computer-readable medium storing code for wireless communications at a user equipment (UE), the code comprising instructions executable by a processor to:

receive control signaling indicating a truncating configuration for truncating one or more fields of an initial identification indicator;

generate a truncated identification indicator for the UE according to the truncating configuration by removing ~~one or more bits from the initial identification indicator~~a number of most significant bits from at least one of the one or more fields of the initial identification indicator according to the truncating configuration, wherein removing the number of most significant bits generates one or more truncated fields, and by concatenating the one or more truncated fields, wherein the truncated identification indicator comprises the concatenated one or more truncated fields; and

transmit the truncated identification indicator to a base station.

~~39~~37. A non-transitory computer-readable medium storing code for wireless communications, the code comprising instructions executable by a processor to:

determine, by an access and mobility management function, a truncating configuration for truncating one or more fields of an initial identification indicator by removing one or more bits from the initial identification indicator, the truncating configuration based at least in part on a number of possible values stored in each field of the one or more fields;

transmit, by the access and mobility management function, control signaling indicating the truncating configuration; and

receive, by a base station, a truncated identification indicator based at least in part on the truncating configuration, wherein the truncated identification indicator is a result of removing a number of most significant bits from at least one of the one or more fields of the initial identification indicator according to the truncating configuration, wherein removing the number of most significant bits generates one or more truncated fields, and wherein the truncated identification indicator is the result of concatenating the one or more truncated

fields according to the truncating configuration, wherein the truncated identification indicator comprises the concatenated one or more truncated fields.