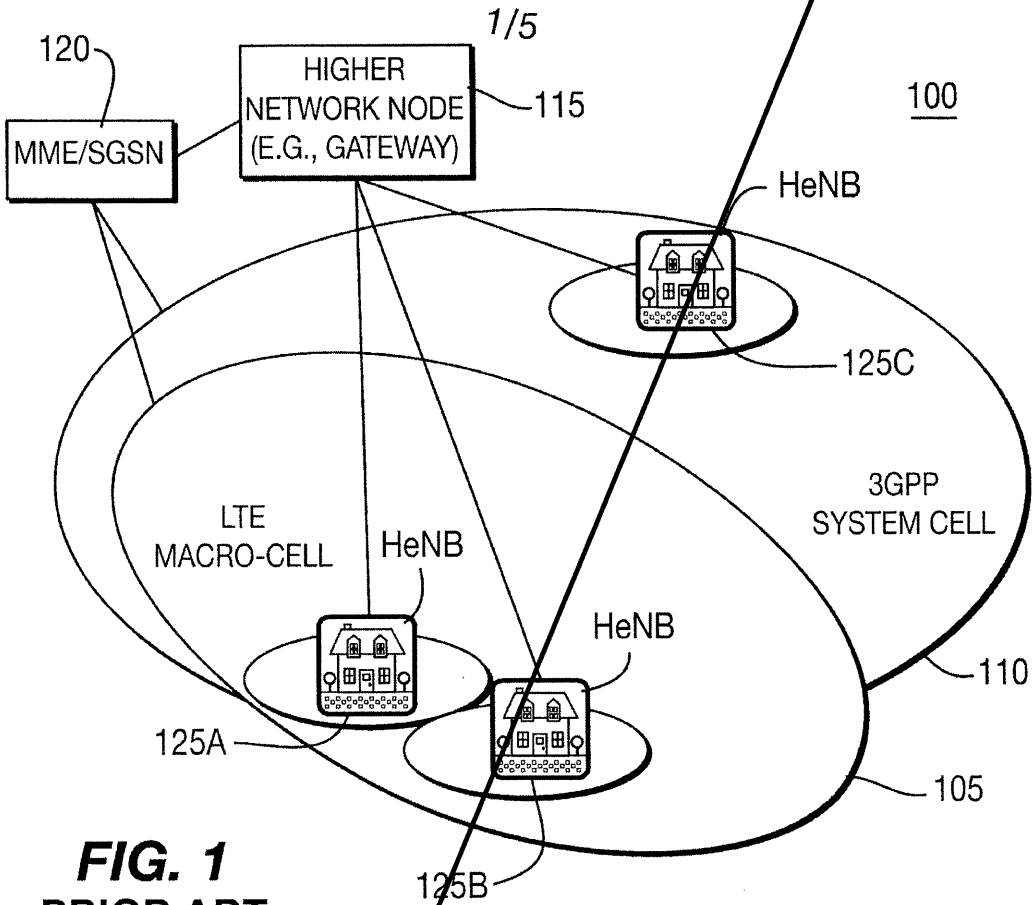


FIG. 1
PRIOR ART

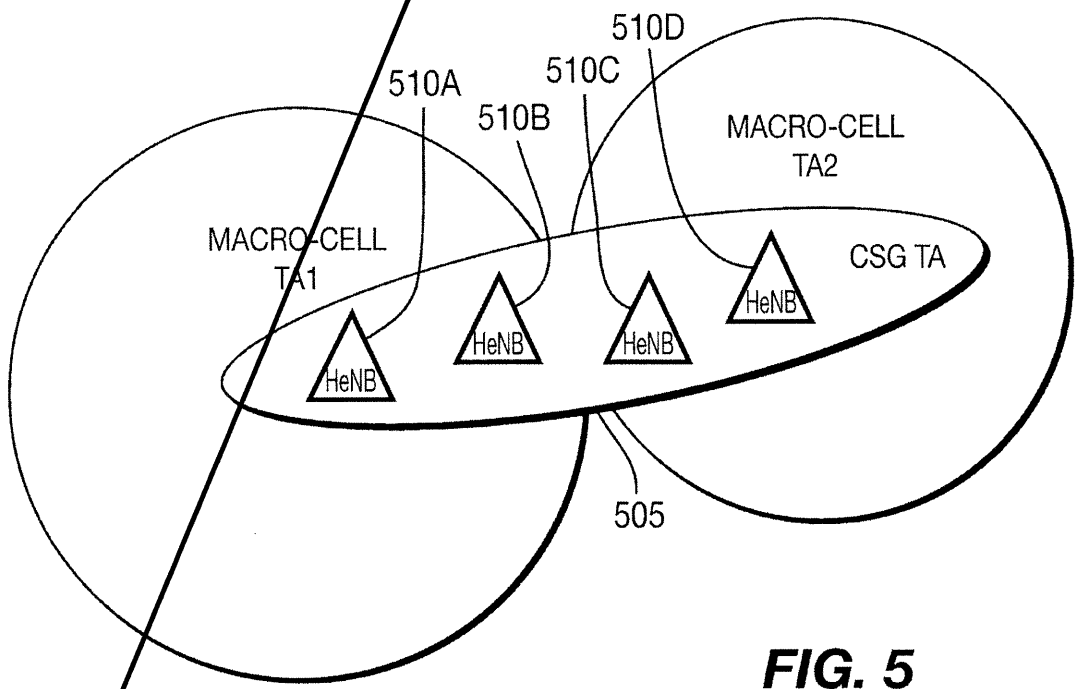


FIG. 5

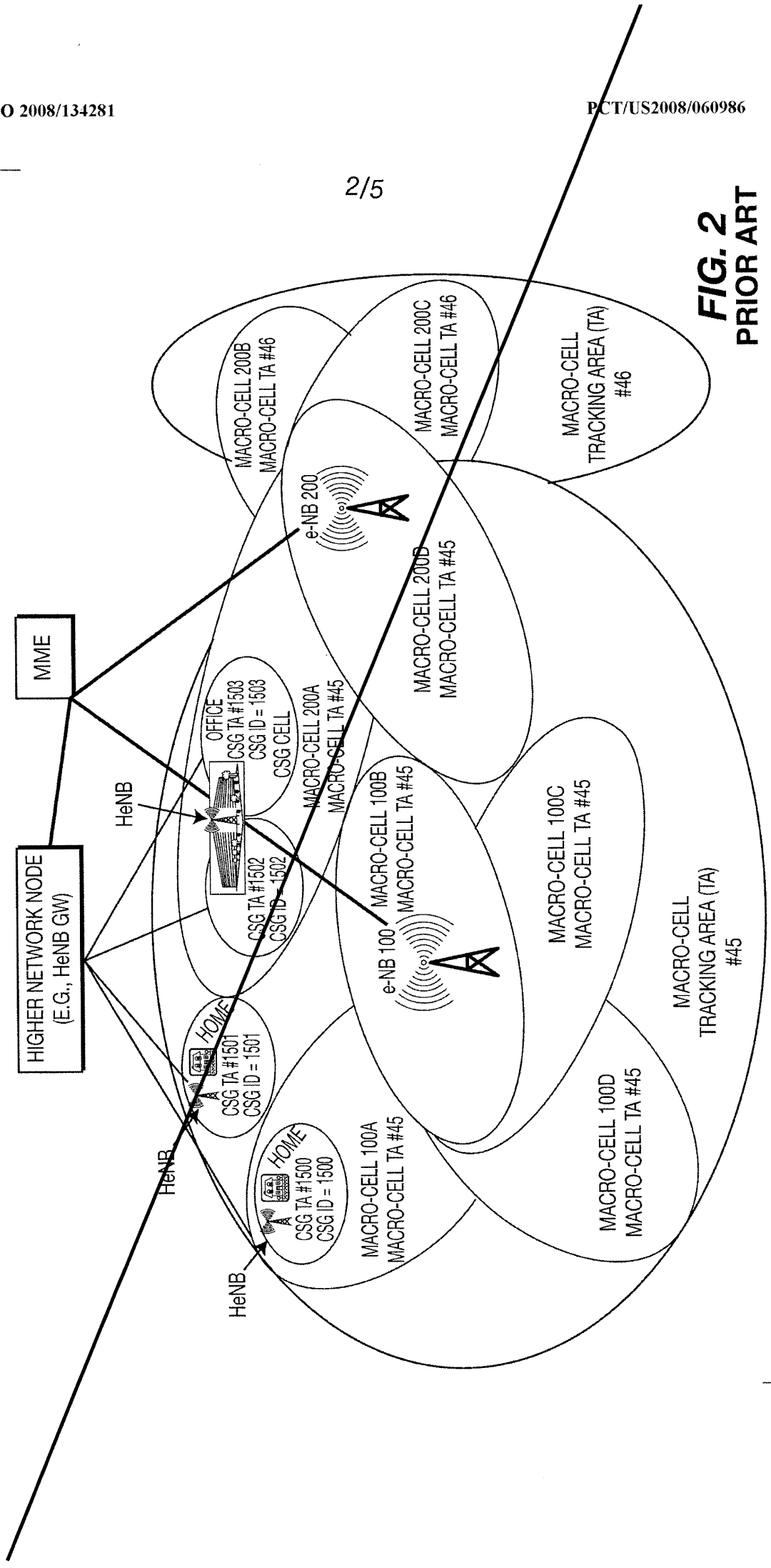


FIG. 2
PRIOR ART

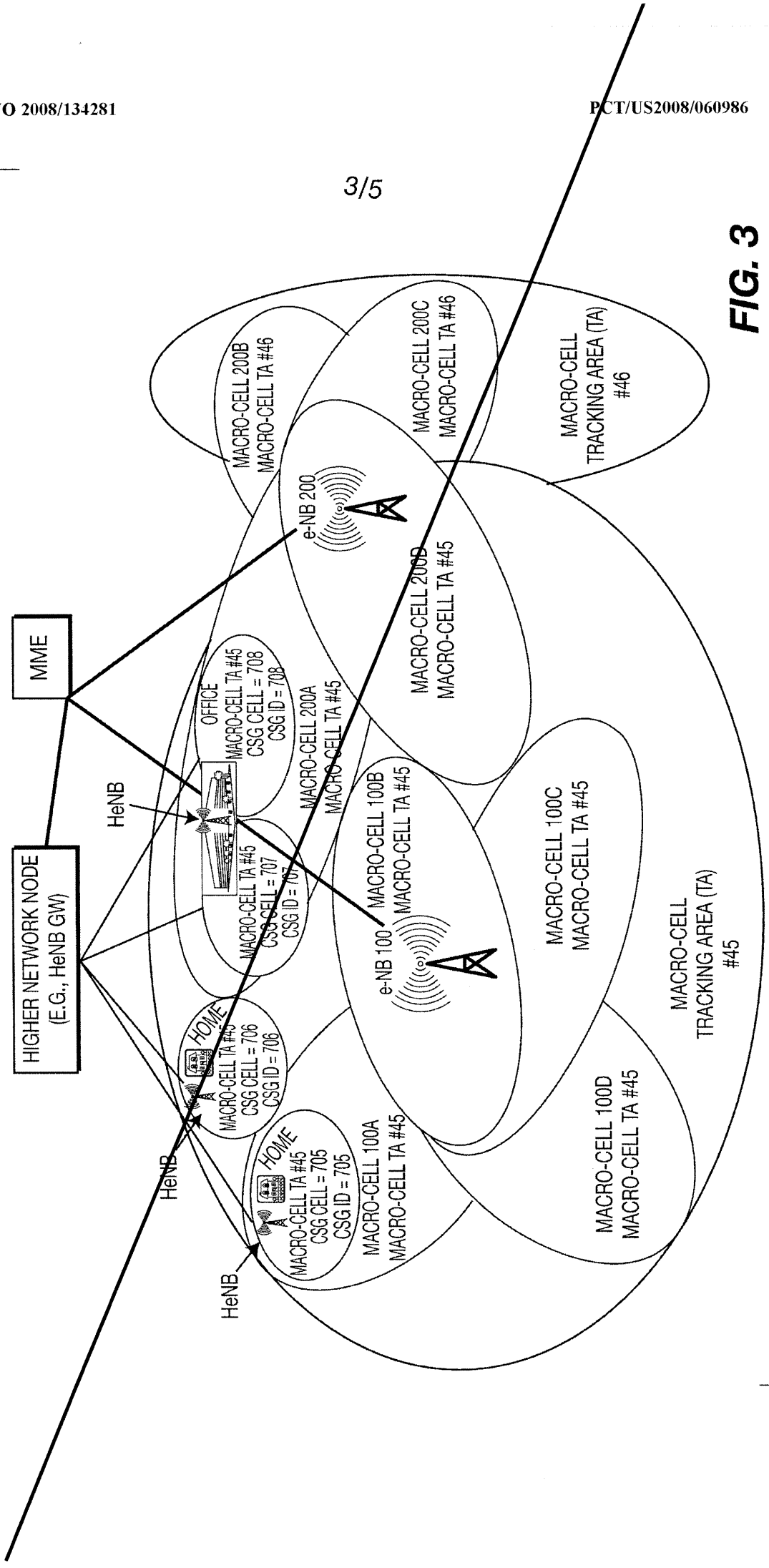

HIGHER NETWORK NODE
(E.G., HeNB GW)
MME
HeNB
HeNB
HeNB
OFFICE
MACRO-CELL TA #45
CSG CELL = 708
CSG ID = 708
HOME
MACRO-CELL TA #45
CSG CELL = 707
CSG ID = 707
HOME
MACRO-CELL TA #45
CSG CELL = 706
CSG ID = 706
HOME
MACRO-CELL TA #45
CSG CELL = 705
CSG ID = 705
MACRO-CELL 200A
MACRO-CELL TA #45
MACRO-CELL 200B
MACRO-CELL TA #46
MACRO-CELL 200C
MACRO-CELL TA #46
MACRO-CELL 200D
MACRO-CELL TA #45
e-NB 200
MACRO-CELL 100A
MACRO-CELL TA #45
MACRO-CELL 100B
MACRO-CELL TA #45
e-NB 100
MACRO-CELL 100C
MACRO-CELL TA #45
MACRO-CELL 100D
MACRO-CELL TA #45
MACRO-CELL
TRACKING AREA (TA)
#46
MACRO-CELL
TRACKING AREA (TA)
#45

FIG. 3

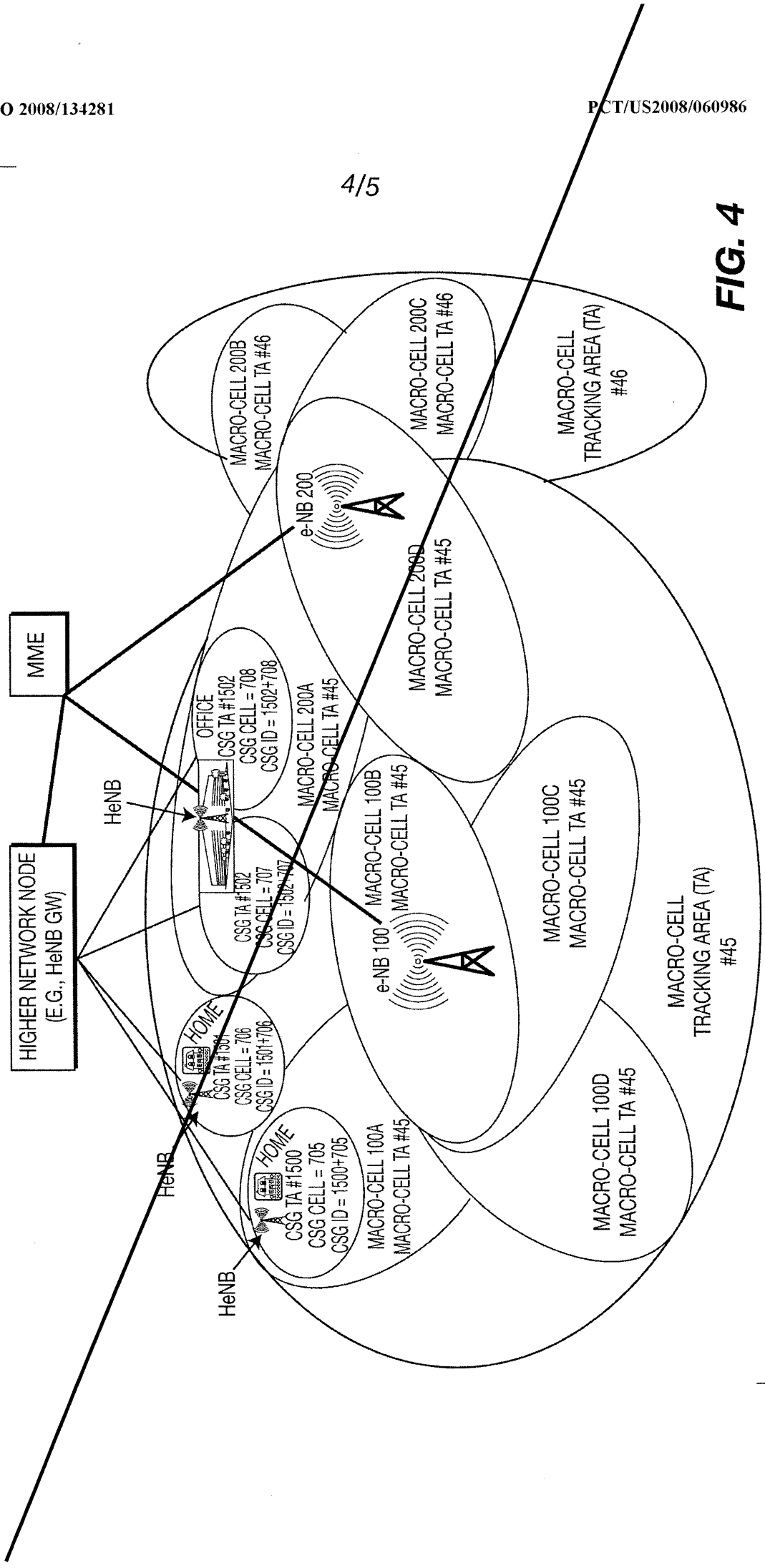

MACRO-CELL 200B
MACRO-CELL TA #46
MACRO-CELL 200C
MACRO-CELL TA #46
MACRO-CELL
TRACKING AREA (TA)
#46
e-NB 200
MACRO-CELL 200D
MACRO-CELL TA #45
MME
HIGHER NETWORK NODE
(E.G., HeNB GW)
HeNB
OFFICE
CSG TA #1502
CSG CELL = 708
CSG ID = 1502+708
CSG TA #1502
CSG CELL = 707
CSG ID = 1502+707
MACRO-CELL 200A
MACRO-CELL TA #45
MACRO-CELL 100B
MACRO-CELL TA #45
e-NB 100
MACRO-CELL 100C
MACRO-CELL TA #45
MACRO-CELL
TRACKING AREA (TA)
#45
HOME
CSG TA #1501
CSG CELL = 706
CSG ID = 1501+706
HeNB
HOME
CSG TA #1500
CSG CELL = 705
CSG ID = 1500+705
MACRO-CELL 100A
MACRO-CELL TA #45
HeNB
MACRO-CELL 100D
MACRO-CELL TA #45

FIG. 4

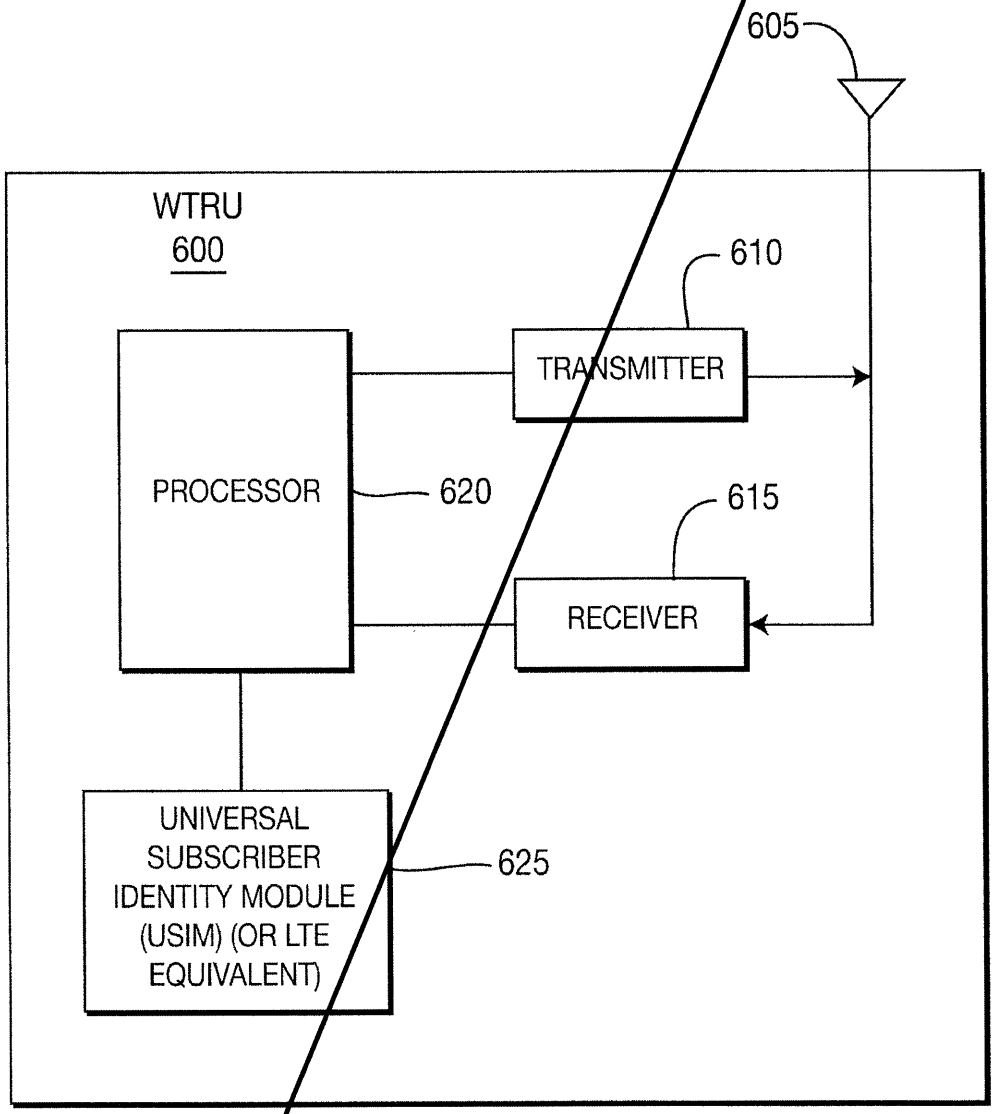

605
WTRU
600
610
TRANSMITTER
PROCESSOR
620
615
RECEIVER
UNIVERSAL
SUBSCRIBER
IDENTITY MODULE
(USIM) (OR LTE
EQUIVALENT)
625

FIG. 6

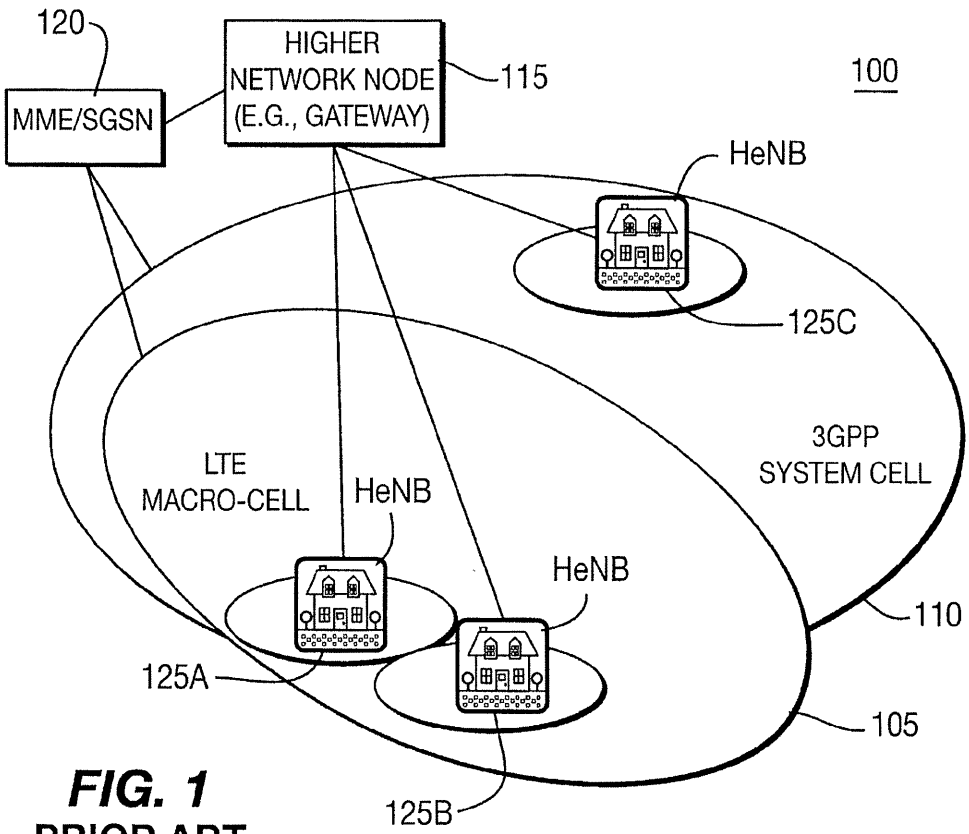


FIG. 1
PRIOR ART

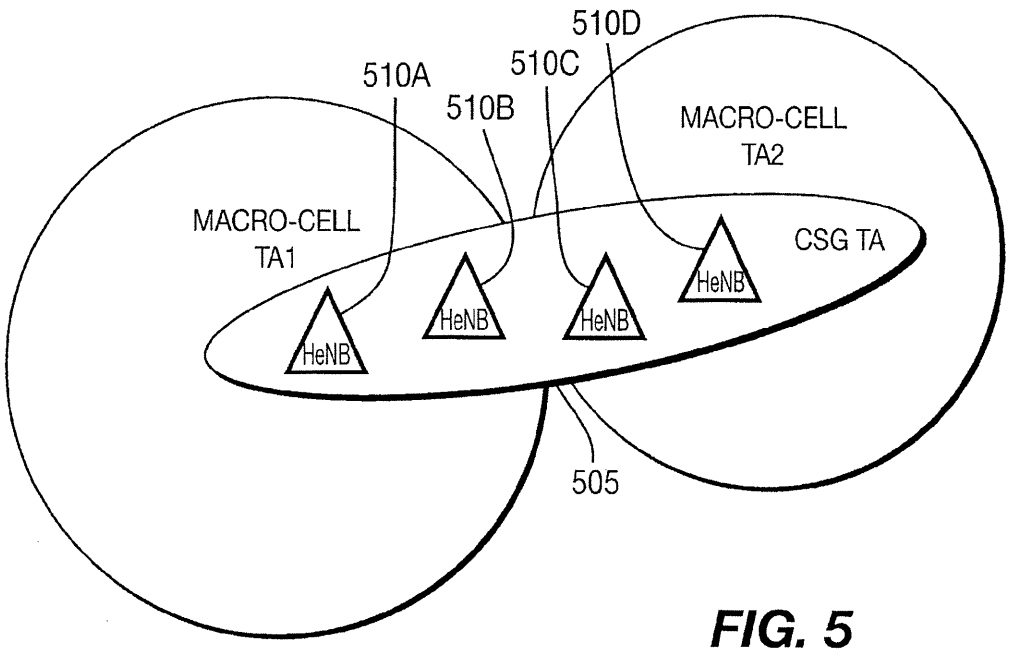


FIG. 5

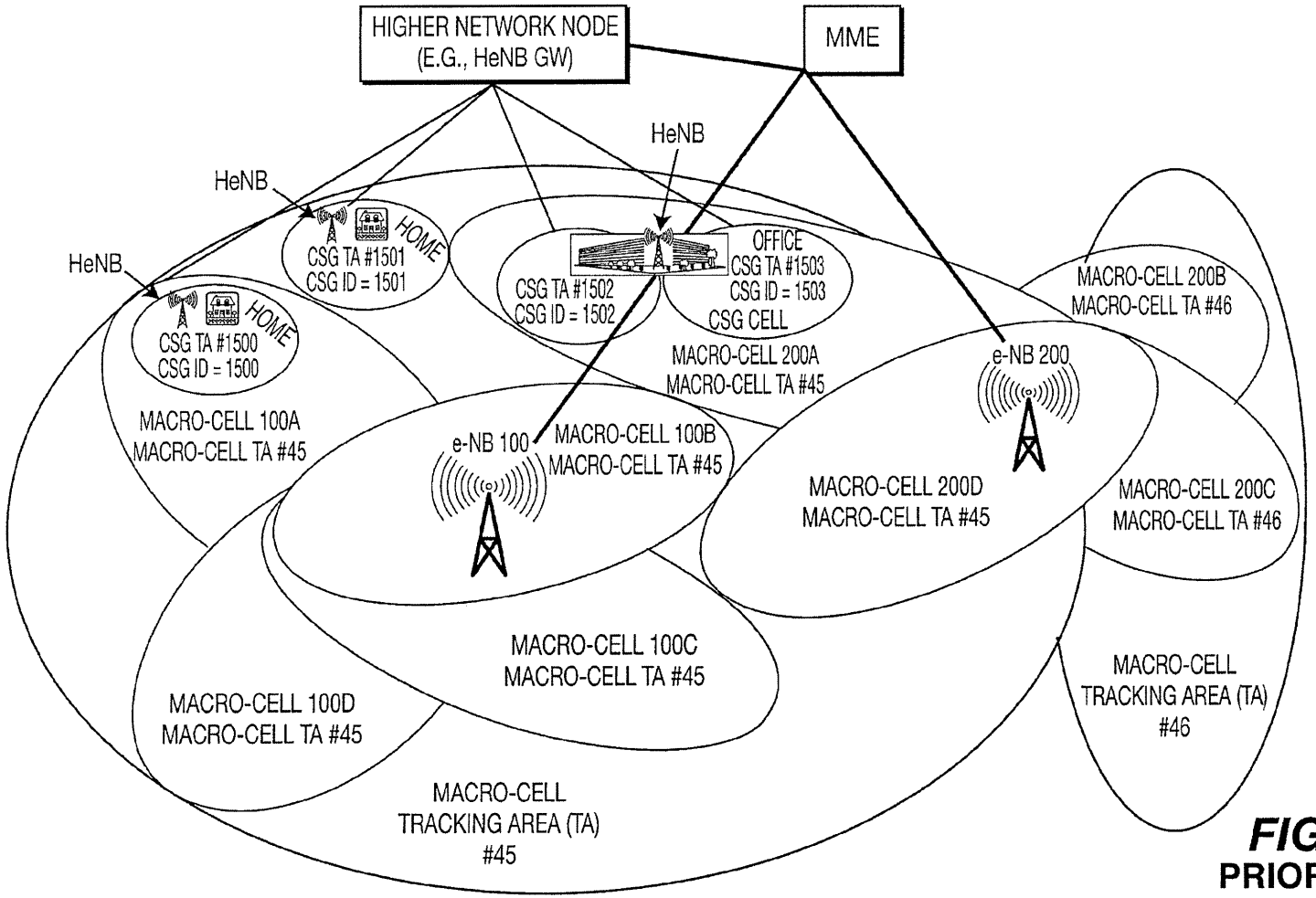


FIG. 2
PRIOR ART

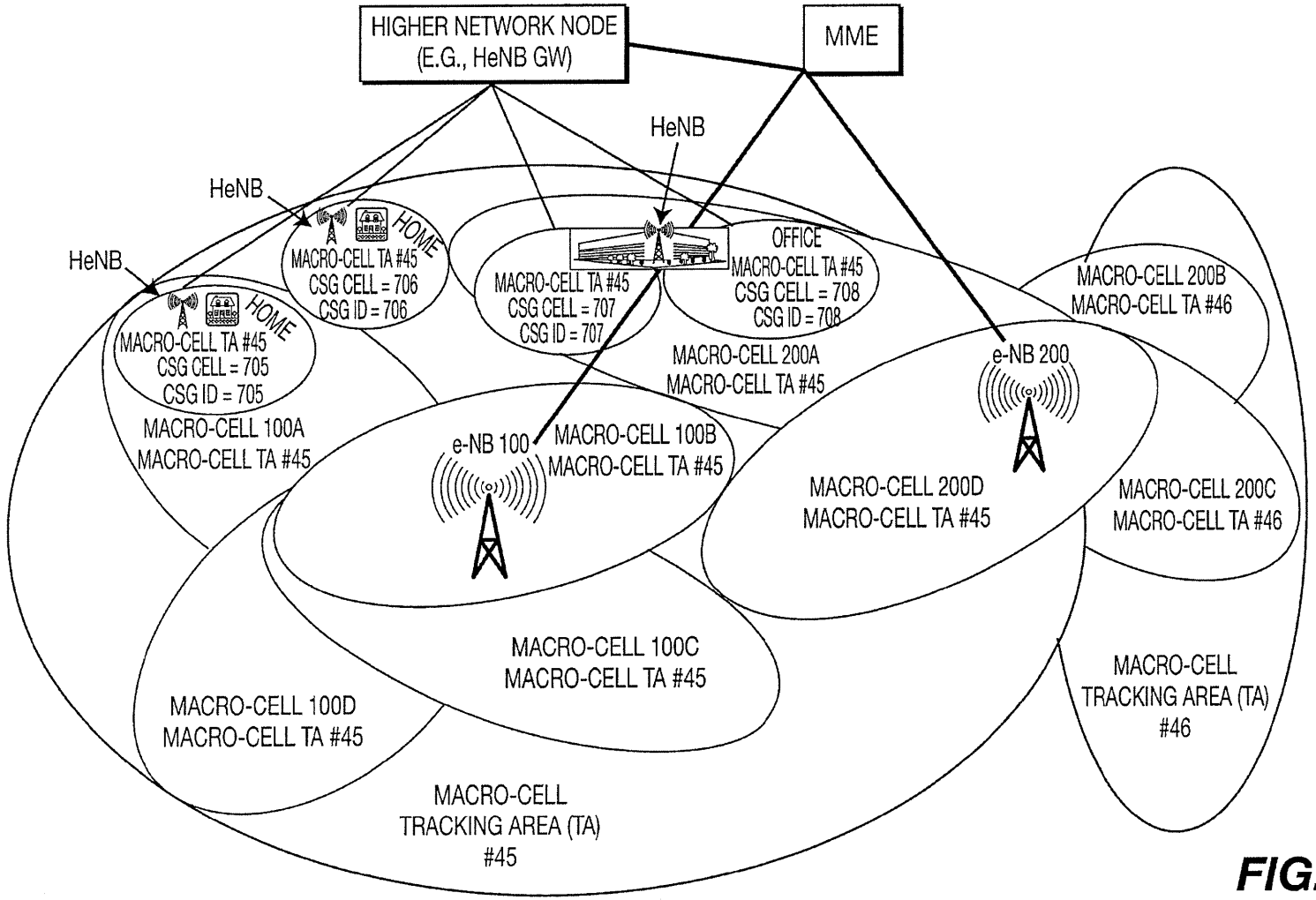

HIGHER NETWORK NODE
(E.G., HeNB GW)
MME
HeNB
HeNB
HeNB
HOME
MACRO-CELL TA #45
CSG CELL = 706
CSG ID = 706
HOME
MACRO-CELL TA #45
CSG CELL = 705
CSG ID = 705
MACRO-CELL 100A
MACRO-CELL TA #45
MACRO-CELL TA #45
CSG CELL = 707
CSG ID = 707
OFFICE
MACRO-CELL TA #45
CSG CELL = 708
CSG ID = 708
MACRO-CELL 200A
MACRO-CELL TA #45
MACRO-CELL 200B
MACRO-CELL TA #46
e-NB 200
e-NB 100
MACRO-CELL 100B
MACRO-CELL TA #45
MACRO-CELL 200D
MACRO-CELL TA #45
MACRO-CELL 200C
MACRO-CELL TA #46
MACRO-CELL 100C
MACRO-CELL TA #45
MACRO-CELL 100D
MACRO-CELL TA #45
MACRO-CELL
TRACKING AREA (TA)
#45
MACRO-CELL
TRACKING AREA (TA)
#46

FIG. 3

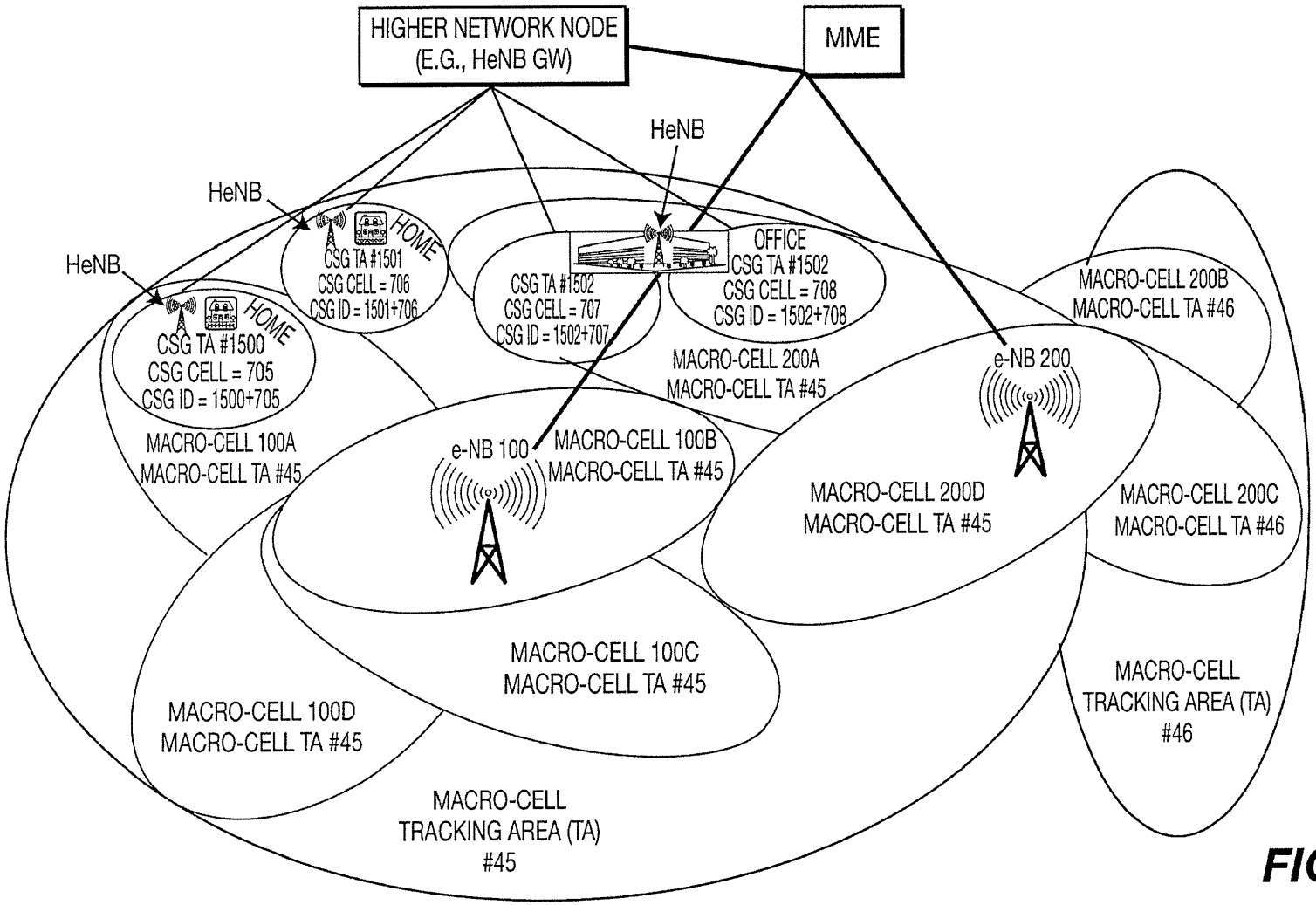

HIGHER NETWORK NODE
(E.G., HeNB GW)
MME
HeNB
HeNB
HeNB
HOME
CSG TA #1501
CSG CELL = 706
CSG ID = 1501+706
HOME
CSG TA #1500
CSG CELL = 705
CSG ID = 1500+705
CSG TA #1502
CSG CELL = 707
CSG ID = 1502+707
OFFICE
CSG TA #1502
CSG CELL = 708
CSG ID = 1502+708
MACRO-CELL 200A
MACRO-CELL TA #45
MACRO-CELL 200B
MACRO-CELL TA #46
e-NB 200
MACRO-CELL 100A
MACRO-CELL TA #45
e-NB 100
MACRO-CELL 100B
MACRO-CELL TA #45
MACRO-CELL 200D
MACRO-CELL TA #45
MACRO-CELL 200C
MACRO-CELL TA #46
MACRO-CELL 100C
MACRO-CELL TA #45
MACRO-CELL 100D
MACRO-CELL TA #45
MACRO-CELL
TRACKING AREA (TA)
#46
MACRO-CELL
TRACKING AREA (TA)
#45

FIG. 4

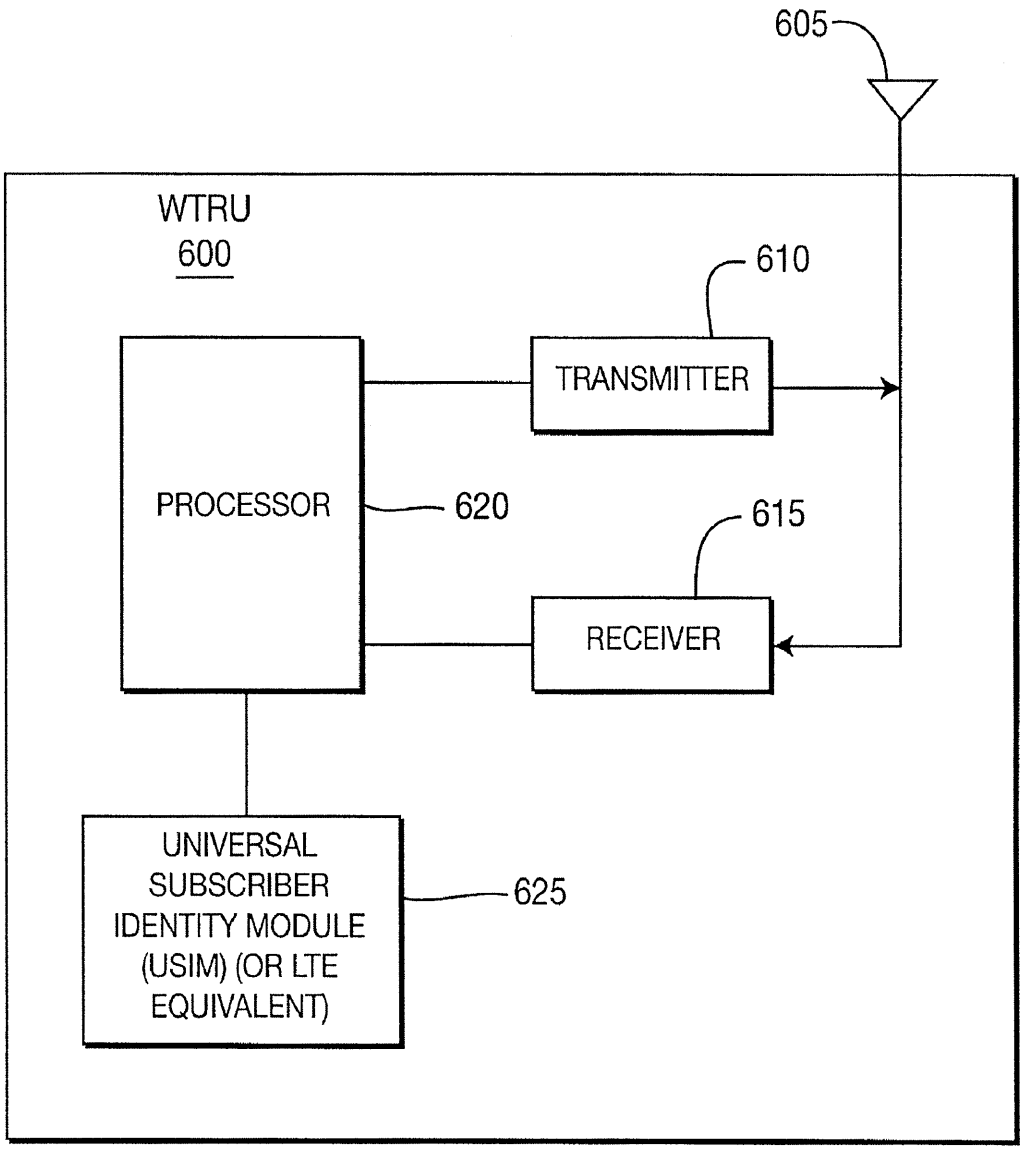

605
WTRU
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TRANSMITTER
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615
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UNIVERSAL
SUBSCRIBER
IDENTITY MODULE
(USIM) (OR LTE
EQUIVALENT)
625

FIG. 6