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In re Patent of: Janne Peisa, et al.
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Title: Identifying a beam for accessing a target cell of a wireless handover

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**PETITION FOR *INTER PARTES* REVIEW OF UNITED STATES PATENT
NO. 10,484,915 PURSUANT TO 35 U.S.C. §§ 311–319, 37 C.F.R. § 42**

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	[1Pre] A method performed by a wireless device for handover, the method comprising:	17
	[8 Pre] A wireless device for handover comprising:	17
	[1a] receiving an RRC connection reconfiguration message from a source network node associated with a source cell,	19
	[8a] a wireless interface configured to receive an RRC connection reconfiguration message from a source network node associated with a source cell,	20
	[1b/8b] the RRC connection reconfiguration message comprising an identification of a target cell and access information associated with the target cell,.....	21
	[1c/8c] wherein the target cell is different than the source cell and comprises one or more beams to be transmitted by the target cell and	25
	[1d/8d] the access information comprises beam related information that comprises common random access configuration information	

associated with the one or more beams and dedicated random access configuration information associated with the one or more beams;....26

[1e] identifying at least one beam transmitted from the target cell from among the one or more beams of the target cell based on the identification of the target cell and the access information from the RRC connection reconfiguration message; and,.....29

[8e] processing circuitry configured to identify at least one beam transmitted from the target cell from among the one or more beams of the target cell based on the identification of the target cell and the access information from the RRC connection reconfiguration message; and,32

[8f] an input and output interface configured to receive input information and provide output information;33

[8g] a power source configured to provide power to the wireless interface, processing circuitry and input and output interface; and.....35

[1f] accessing the target cell using the identified at least one beam. ..37

[8h] wherein the wireless interface is further configured to access the target cell using the identified at least one beam.....38

[2/9] wherein the target cell is associated with a second network node, the second network node being different than the source network node.38

[3/10] wherein the access information comprises Random Access Channel (RACH) information.39

[6] wherein accessing the target cell using the identified at least one beam comprises accessing the target cell using a contention based random access procedure.40

[13] the wireless interface configured to access the target cell using the identified at least one beam is configured to access the target cell using a contention based random access procedure.40

[7] wherein accessing the target cell using the identified at least one beam comprises accessing the target cell without first reading system information associated with the target cell.42

[14] the wireless interface configured to access the target cell using the identified at least one beam is configured to access the target cell without first reading system information associated with the target cell.....42

[15Pre] A wireless communication system for handover, the system comprising:43

[15a] at least two network nodes;44

[15b] at least one wireless device wirelessly connected to a first of the at least two network nodes;.....44

[15c] wherein the first network node is configured to: determine access information associated with a second of the at least two network nodes for the at least one wireless device; and;.....45

[15d] prepare the access information associated with the second network node to be transmitted to the at least one wireless device; and;46

[15e] wherein the at least one wireless device is configured to: receive an RRC connection reconfiguration message from the first network node,.....47

[15f] the handover message comprising an identification associated with the second network node and the access information associated with the second network node and.....48

[15g] comprises beam related information that comprises common random access configuration information associated with the one or more beams and dedicated random access configuration information associated with the one or more beams;48

[15h] identify and select at least one beam from the second network node; and;.....48

[15i] access the second network node using the identified and selected at least one beam based on the access information from the handover message.48

B. GROUND 3 – Abedini renders obvious claims 1-5, 7-12, 14 and 15...48

1. Overview of Abedini (EX-1010).....48

2. Abedini renders obvious Claims 1-5, 7-12, 14 and 15.....54

[1Pre] A method performed by a wireless device for handover, the method comprising:54

[8 Pre] A wireless device for handover comprising:54

[1a] receiving an RRC connection reconfiguration message from a source network node associated with a source cell,58

[8a] a wireless interface configured to receive an RRC connection reconfiguration message from a source network node associated with a source cell,60

[1b/8b] the RRC connection reconfiguration message comprising an identification of a target cell and access information associated with the target cell,.....62

[1c/8c] wherein the target cell is different than the source cell and comprises one or more beams to be transmitted by the target cell and64

[1d/8d] the access information comprises beam related information that comprises common random access configuration information associated with the one or more beams and dedicated random access configuration information associated with the one or more beams;....66

[1e] identifying at least one beam transmitted from the target cell from among the one or more beams of the target cell based on the identification of the target cell and the access information from the RRC connection reconfiguration message; and,.....68

[8e] processing circuitry configured to identify at least one beam transmitted from the target cell from among the one or more beams of the target cell based on the identification of the target cell and the access information from the RRC connection reconfiguration message; and,69

[8f] an input and output interface configured to receive input information and provide output information;71

[8g] a power source configured to provide power to the wireless interface, processing circuitry and input and output interface; and.....71

[1f] accessing the target cell using the identified at least one beam. ..72

[8h] wherein the wireless interface is further configured to access the target cell using the identified at least one beam.73

[2/9] wherein the target cell is associated with a second network node, the second network node being different than the source network node.74

[3/10] wherein the access information comprises Random Access Channel (RACH) information.75

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