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CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO,
DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN,
HR, HU, ID, IL, IN, IR, IS, JO, JP, KE, KG, KH, KN, KP,
KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME,
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OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA,
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(54) Title: ANALYTE DETECTION BY SELECTIVE LABELING OF BIOLOGICAL SAMPLES

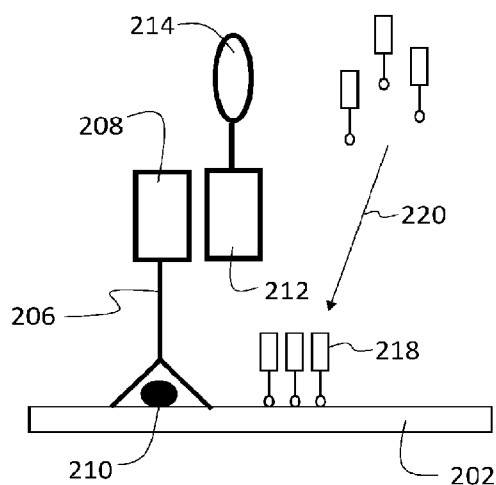


FIG. 2C

(57) Abstract: The disclosure features methods that include: contact-
ing a biological sample having a first target analyte with a first agent,
where the first agent includes a first binding species that specifically
binds to the first target analyte, and a first oligonucleotide conjugated
to the binding species; contacting the biological sample with a second
agent, where the second agent includes a first reactive species and a
second oligonucleotide conjugated to the first reactive species, to hy-
bridize at least a portion of the second oligonucleotide to at least a por-
tion of the first oligonucleotide; and contacting the biological sample
with a first labeling species, where the first labeling species reacts with
the first reactive species to deposit the first labeling species or a deriv-
ative thereof in the biological sample.



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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
C12Q G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

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EPO-Internal, BIOSIS, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 2018/022809 A1 (THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY [US]) 1 February 2018 (2018-02-01) abstract examples 1-7 claims 1-42	1-27
Y	----- GOLTSEV Y. ET AL.: "Deep profiling of mouse splenic architecture with CODEX multiplexed imaging", CELL, vol. 174, no. 4, 9 August 2018 (2018-08-09), pages 968-981, XP055668657, abstract page 978, column 2, last paragraph - page 980, column 1 figure 3 ----- -/--	1-27



Further documents are listed in the continuation of Box C.



See patent family annex.

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"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 2018/118786 A1 (VENTANA MEDICAL SYSTEMS, INC. [US]) 28 June 2018 (2018-06-28) abstract examples 1-2 figures 1-4 claims 1-75	1-27
Y	----- WO 2018/017604 A1 (CELL IDX, INC. [US]) 25 January 2018 (2018-01-25) abstract claims 1-174 figures 1-6 -----	1-27

INTERNATIONAL SEARCH REPORT

Information on patent family members

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