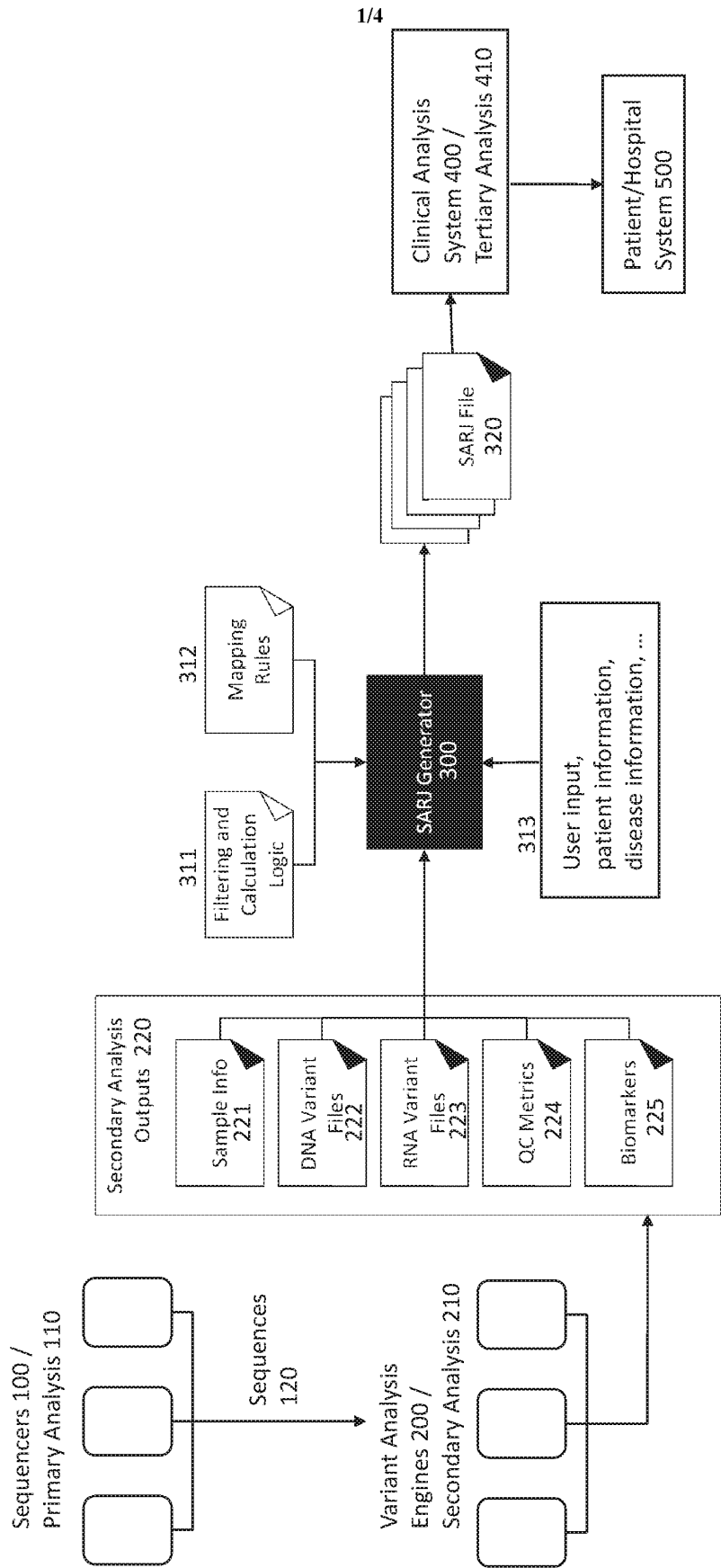




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FIG. 1

```

"type": "object",
"title": "sampleAnalysisResults",
"properties": {
  "checksum": {
    "description": "Salted checksum of the data object. This is used to check for intended or unintended changes to
contents of the JSON file.",
    "type": "string"
  },
  "data": {
    "description": "Analysis results for a given sample",
    "type": "object",
    "properties": {
      "schemaVersion": {
        "description": "Semantic version for the schema definition. Format is <MAJOR>.<MINOR>.<PATCH>.",
        "type": "string"
      },
      "sampleInformation": {
        "type": "object",
        "properties": {
          "sampleId": {
            "description": "Unique ID for the sample associated with the data.",
            "type": "string"
          },
          "sex": {
            "type": "string",
            "enum": ["Male", "Female", "Unknown"]
          },
          "analysisDate": {
            "type": "string"
          },
          "analysisTime": {
            "type": "string"
          },
          "analysisName": {
            "type": "string"
          },
          "runId": {
            "type": "string"
          },
          "consumableInformation": {
            "description": "Optional information about the consumables.",
            "type": "array",
            "items": { "$ref": "#/definitions/consumableInformation" }
          },
          "diseaseInformation": {
            "type": "object",
            "properties": {
              "code": {
                "type": "string"
              },
              "label": {
                "type": "string"
              },
              "source": {
                "type": "string"
              },
              "sourceVersion": {
                "type": "string"
              }
            }
          },
          "required": [
            "code",

```

FIG. 2A

```

{
  "checksum": "230c15bdf4385be42e048f800378892d",
  "data": {
    "schemaVersion": "6.1.0",
    "sampleInformation": {
      "sampleId": "Sample1",
      "sex": "Male",
      "analysisDate": "2018-06-05",
      "analysisTime": "19:06",
      "analysisName": "analysis",
      "runId": "run1",
      "diseaseInformation": {
        "code": "254637007",
        "label": "Nonsmall-cell lung cancer",
        "source": "SNOMED",
        "sourceVersion": "1.0.0"
      }
    },
    "sampleMetrics": {
      "run": {
        "passRunQualityControl": true,
        "metrics": [
          {
            "name": "PCT_PF_READS",
            "LSL": 80.0,
            "value": 90.7,
            "UOM": "NA",
            "RAD": 1
          },
          {
            "name": "PCT_Q30_R1",
            "LSL": 80.0,
            "value": 91.5,
            "UOM": "NA",
            "RAD": 1
          },
          {
            "name": "PCT_Q30_R2",
            "LSL": 80.0,
            "value": 85.6,
            "UOM": "NA",
            "RAD": 1
          }
        ]
      }
    },
    "copyNumberVariants": [
      {
        "foldChange": 0.648,
        "qual": 157,
        "copyNumberType": "GAIN",
        "gene": "MYC",
        "chromosome": "chr8",
        "startPosition": 128748838,
        "endPosition": 128753206
      }
    ],
    "geneFusions": [
      {
        "partner1": {
          "gene": "BCR",
          "chromosome": "chr22",
          "position": 23632600,
          "referenceReads": 0
        },
        "partner2": {
          "gene": "ABL1",

```

FIG. 2B

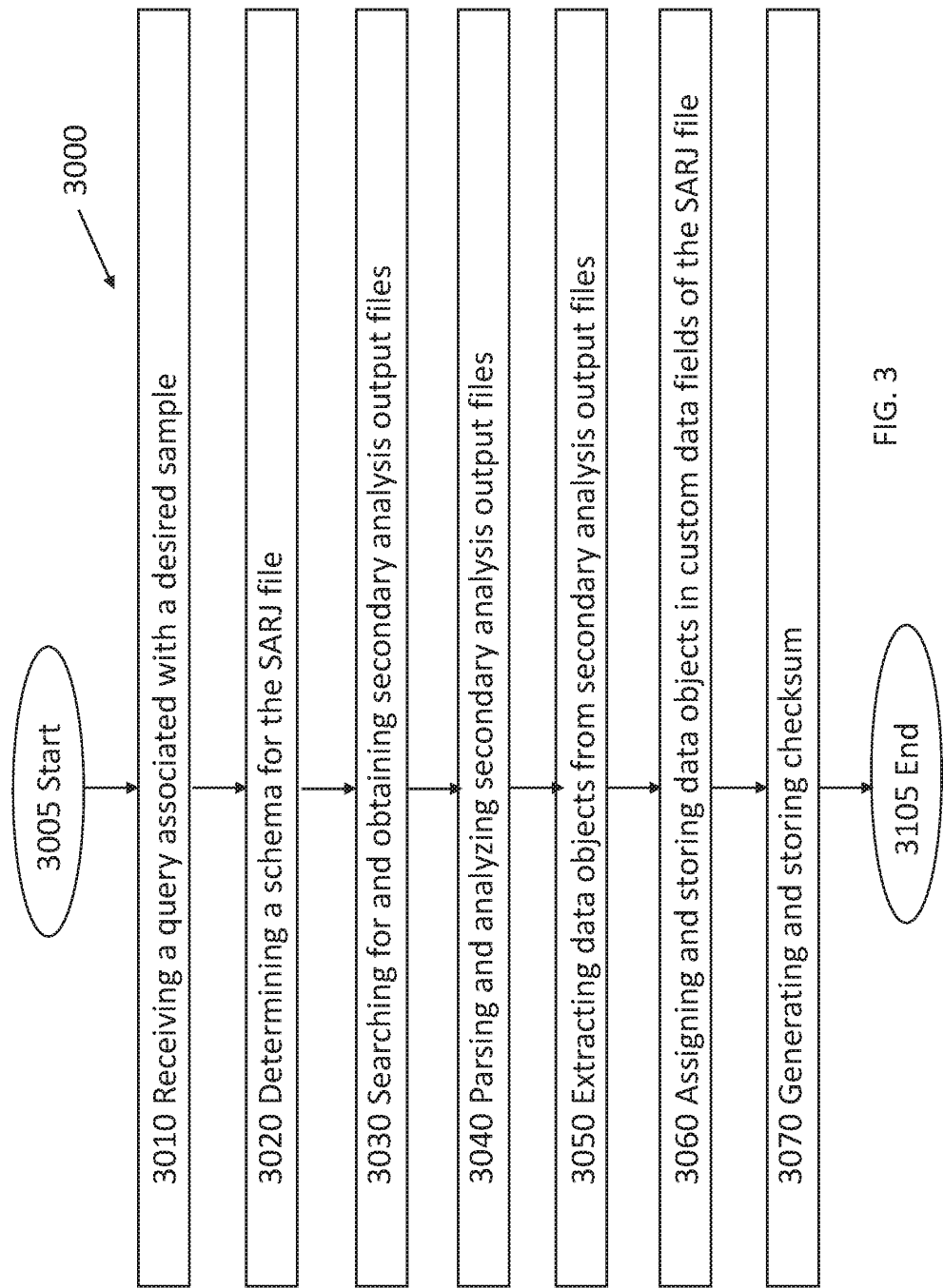


FIG. 3