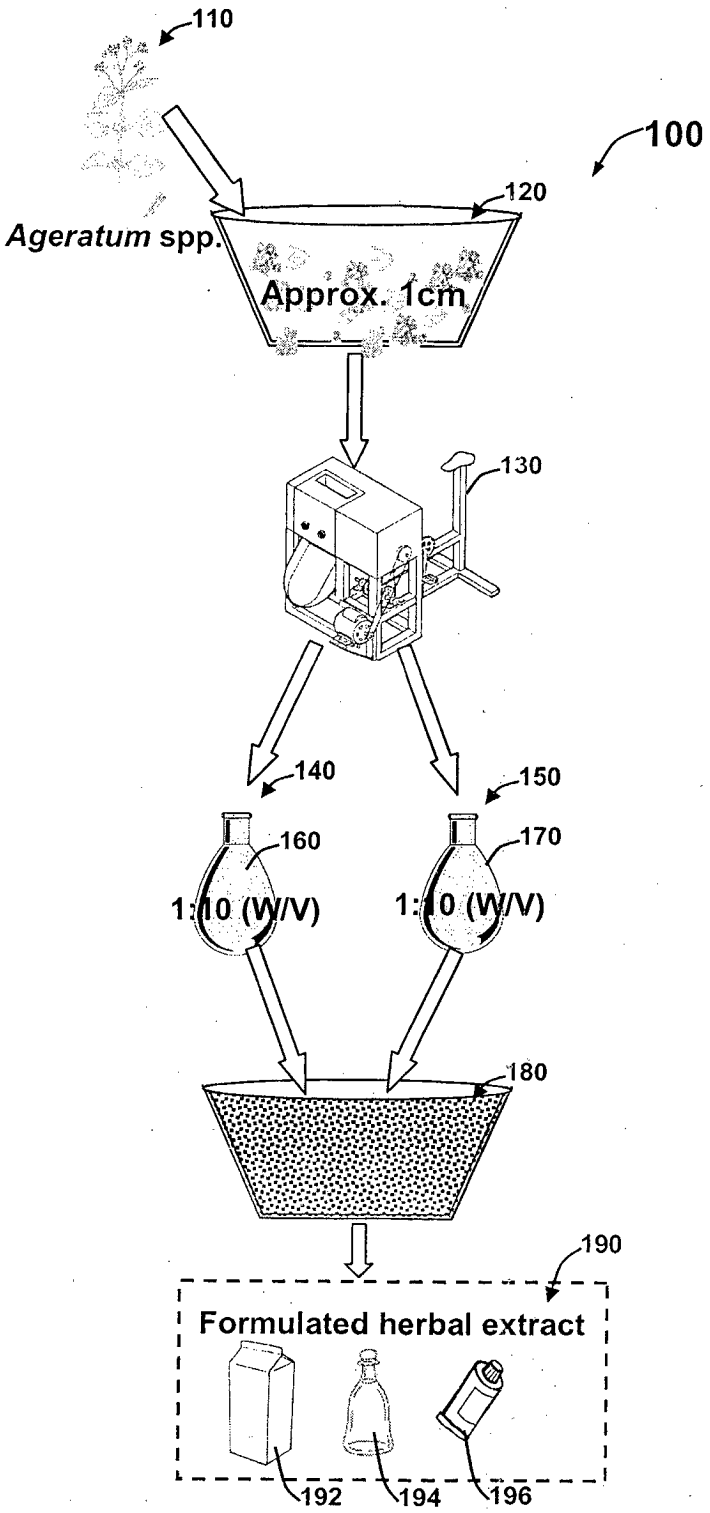

110
100
120
Ageratum spp.
Approx. 1cm
130
140
150
160
170
1:10 (W/V)
1:10 (W/V)
180
190
Formulated herbal extract
192
194
196

FIG.1

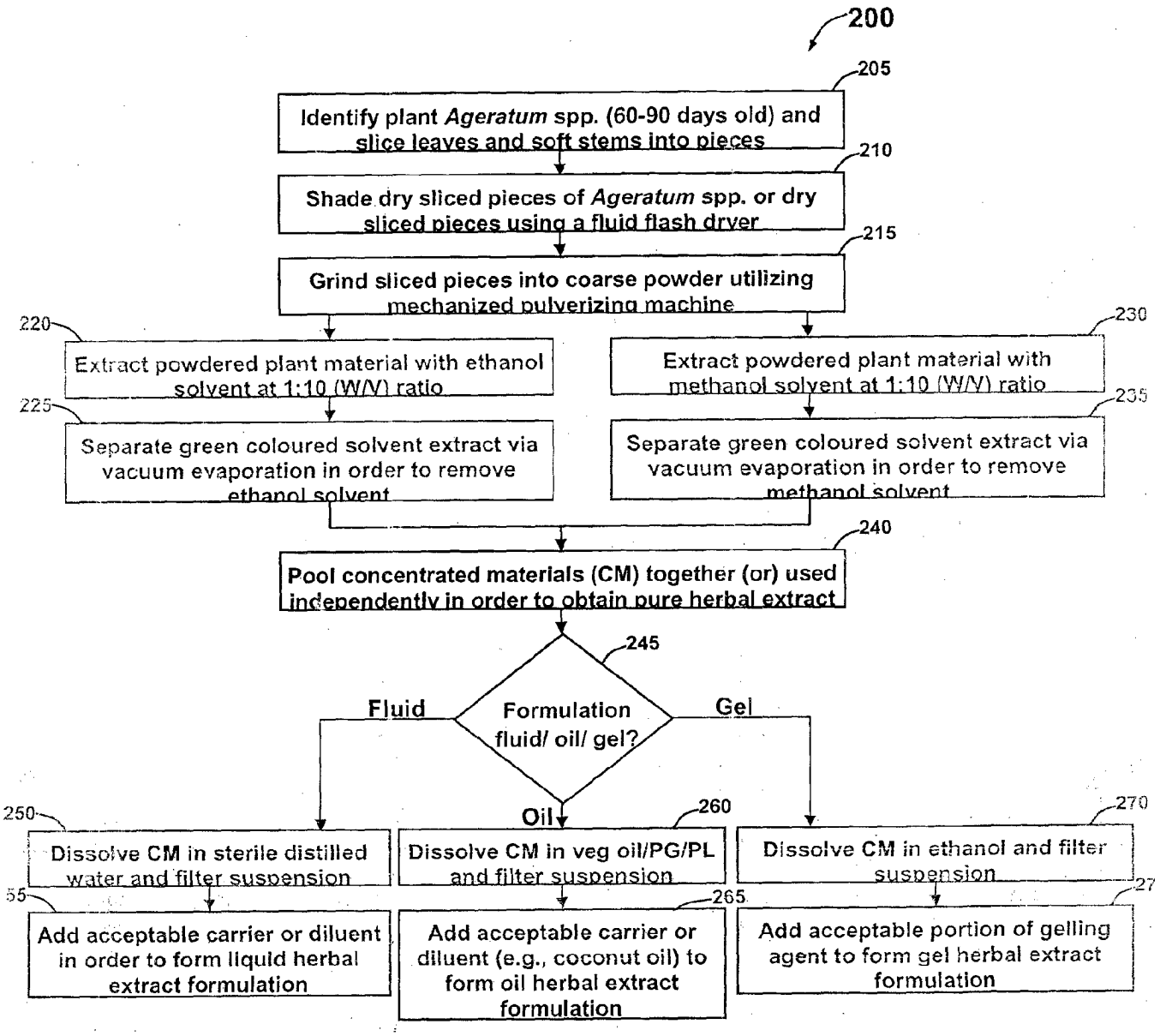

200
205
Identify plant *Ageratum* spp. (60-90 days old) and slice leaves and soft stems into pieces
210
Shade dry sliced pieces of *Ageratum* spp. or dry sliced pieces using a fluid flash dryer
215
Grind sliced pieces into coarse powder utilizing mechanized pulverizing machine
220
Extract powdered plant material with ethanol solvent at 1:10 (W/V) ratio
225
Separate green coloured solvent extract via vacuum evaporation in order to remove ethanol solvent
230
Extract powdered plant material with methanol solvent at 1:10 (W/V) ratio
235
Separate green coloured solvent extract via vacuum evaporation in order to remove methanol solvent
240
Pool concentrated materials (CM) together (or) used independently in order to obtain pure herbal extract
245
Formulation fluid/ oil/ gel?
Fluid
Oil
Gel
250
Dissolve CM in sterile distilled water and filter suspension
260
Dissolve CM in veg oil/PG/PL and filter suspension
270
Dissolve CM in ethanol and filter suspension
55
Add acceptable carrier or diluent in order to form liquid herbal extract formulation
265
Add acceptable carrier or diluent (e.g., coconut oil) to form oil herbal extract formulation
27
Add acceptable portion of gelling agent to form gel herbal extract formulation

FIG.2