

(51) International Patent Classification:
A61K 39/155 (2006.01)(21) International Application Number:
PCT/US2010/046179(22) International Filing Date:
20 August 2010 (20.08.2010)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
61/235,912 21 August 2009 (21.08.2009) US(71) Applicants (for all designated States except US): **MERIAL LIMITED** [US/US]; 3239 Satellite Blvd., Duluth, GA 30096 (US). **UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC.** [US/US]; Room 634, Boyd Graduate Studies Research Center, Athens, GA 30602-7411 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **BUBLLOT, Michel** [BE/FR]; 3 rue Favre Garin, F-69630 Chaponost (FR). **MEBATSION, Teshome** [ET/US]; Athens, GA (US). **PRITCHARD, Joyce** [US/US]; 3804 Princeton Court,Gainesville, GA 30504 (US). **MUNDT, Egbert** [DE/US]; 1071 Winthrop Place, Watkinsville, GA 30677 (US).(74) Agents: **JARECKI-BLACK, Judy** et al.; Merial Limited, 3239 Satellite Blvd., Duluth, Georgia 30096 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

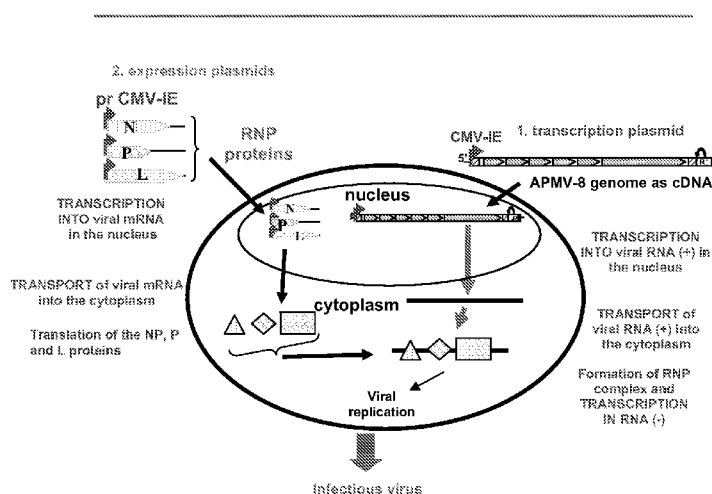
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: RECOMBINANT AVIAN PARAMYXOVIRUS VACCINE AND METHOD FOR MAKING AND USING THERE-OF

Figure 19A

APMV-8 Reverse Genetics System



(57) Abstract: The present invention encompasses engineered APMV compositions or vaccines. The vaccine or composition may be a recombinant APMV composition or vaccine. The present invention encompasses methods for modifying the genome of APMV to produce recombinant APMV; modified APMV prepared by such methods; DNA and protein sequences; and methods for infecting cells and host animals with such recombinant APMV.



Published:

- without international search report and to be republished
upon receipt of that report (Rule 48.2(g))
- with sequence listing part of description (Rule 5.2(a))