



- (51) International Patent Classification:
G01R 33/46 (2006.01)
- (21) International Application Number:
PCT/US2012/028480
- (22) International Filing Date:
9 March 2012 (09.03.2012)
- (25) Filing Language:
English
- (26) Publication Language:
English
- (30) Priority Data:
13/044,494 9 March 2011 (09.03.2011) US
- (71) Applicant (for all designated States except US):
AMAZON TECHNOLOGIES, INC. [US/US]; P.O. Box 8102, Reno, Nevada 89507 (US).
- (72) Inventors; and
(75) Inventors/Applicants (for US only): **DICKINSON, Andrew B.** [US/US]; 410 Terry Ave North, Seattle, Washington 98109 (US). **BRANDWINE, Eric Jason** [US/US]; 410 Terry Ave North, Seattle, Washington 98109 (US).
- (74) Agents: **ADAMS, Scott S.** et al.; KILPATRICK TOWNSEND & STOCKTON LLP, Two Embarcadero Center, 8th Floor, San Francisco, California 94111 (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, 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, QA, RO, RS, RU, RW, 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.

[Continued on next page]

(54) Title: OUTSIDE LIVE MIGRATION

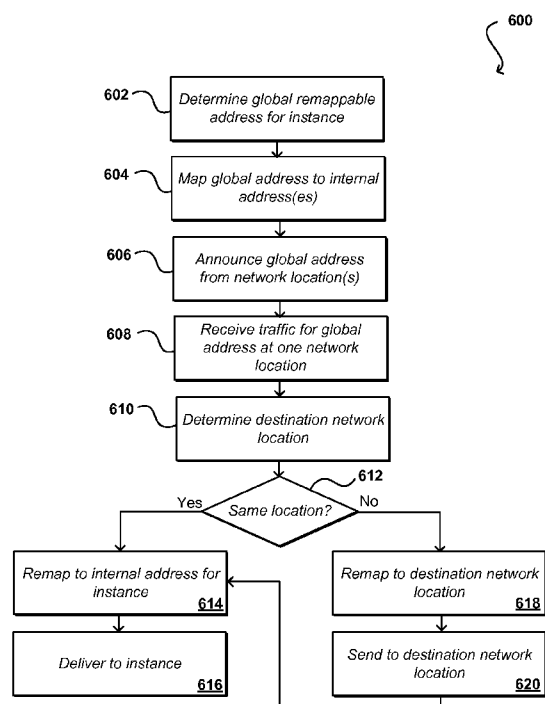


FIG. 6

(57) Abstract: Global remappable addresses can be announced from multiple points across the Internet or other public networks. A global address can be mapped to one or more internal addresses for a provider, such that when traffic is received to a network location the provider can determine whether the traffic is to be processed in the current network location or a different network location, as may be determined using a static process or a dynamic process based on any of a number of factors. If the traffic is destined for a different network location, the traffic can be remapped and forwarded to that network location. Once the traffic is in the determined destination network location, the traffic can be remapped and delivered to the ultimate destination. The remappings and destination network locations can be adjusted at any time, based on any of a number of factors, without significant risk of dropping traffic.



(84) **Designated States** (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, 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, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

— *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*

Published:

— *without international search report and to be republished upon receipt of that report (Rule 48.2(g))*