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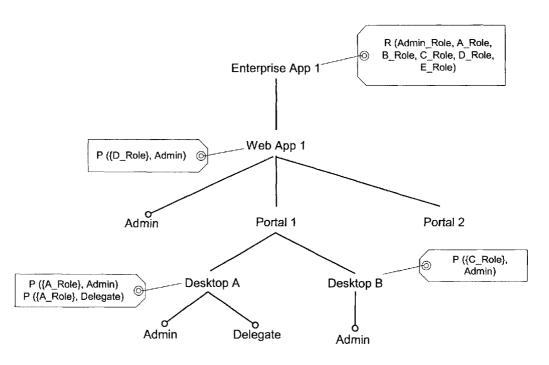
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- (71) Applicant (for all designated States except US): BEA SYSTEMS, INC. [US/US]; 2315 North First Street, San Jose, CA 95131 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): GRIFFIN, Philip, B. [US/US]; 6620 Fairways Drive, Longmont, CO 80503 (US). DEVGAN, Manish [IN/US]; 1405 Snowberry Lane, Broomfield, CO 80020 (US). TOUSSAINT, Alex [BR/US]; 765 Eldorado Boulevard, 2226, Broomfield, CO 80021 (US). MCCAULEY, Rod [US/US]; 2474 Mary Beth Court, Loveland, Colorado 80537 (US).

- (74) Agents: MEYER, Sheldon, R. et al.; Fliesler Meyer LLP, Four Embarcadero Center, Fourth Floor, San Francisco, CA 94111-4156 (US).
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[Continued on next page]

#### (54) Title: METHOD FOR ROLE AND RESOURCE POLICY MANAGEMENT



(57) **Abstract:** A method for adaptively managing entitlements, comprising the steps of providing for the association of a role with a first resource; and providing for the association of a policy with a second resource, wherein the policy is based at least partially on the role; and providing for hierarchically relating the role and the policy; and wherein the role is hierarchically equal or superior to the policy.

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#### **Declarations under Rule 4.17:**

as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)

 as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for all designations

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C. DOC	UMENTS CONSIDERED TO BE RELEVANT			
Category *	Citation of document, with indication, where a			Relevant to claim No.
X,P 	US 2004/0003071 A1 (Mathew et al.) 01 January 20	04, see entire documen	nt.	1-5,8-17,19-25,27- 34,36-39 and 41-42
Y,P				6-7, 18,26,35 and 40
Y US 2002/0111998 A1 (Kim) see entire document.		6-7, 18, 26		6-7, 18, 26, 40 and 35
Y,P US 2003/0065721 A1 (Roskind) 03 April 2003, see		page 8, paragraphs [0087-0089].		26, 40
A,P US2004/0019650 A1 (Auvenshine) 29 January 2004.				1-42
A US 2002/0124053 A1 (Adams et al.) 05 September 2		.002.		1-42
A,P	US 2003/0078972 A1 (Taipssier et al.) 24 April 200	3.		1-42
Further	documents are listed in the continuation of Box C.	See patent	family annex.	
* S <sub>I</sub>	occial categories of cited documents:			ernational filing date or priority
	defining the general state of the art which is not considered to be lar relevance	principle or t	heory underlying the inv	
"E" carlier app	plication or patent published on or after the international filing date	considered ne		e claimed invention cannot be ered to involve an inventive step
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Mail Stop PCT, Attn: ISA/US Commissioner for Patents		VINCENT TRANSJames R. Matthews		
	. Box 1450 sandria, Virginia 22313-1450	Telephone No. (708	305-3900	
	. (703) 305-3230			

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INTERNATIONAL SEARCH REPORT	
Continuation of B. FIELDS SEARCHED Item 3:	
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