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(21) International Application Number: PCT/US96/08819 (22) International Filing Date: 5 June 1996 (05.06.96) (30) Priority Data: 08/475,775 7 June 1995 (07.06.95) US (71) Applicant: CORNELL RESEARCH FOUNDATION, INC. [US/US]; Suite 105, 20 Thornwood Drive, Ithaca, NY 14850 (US). (72) Inventors: WEI, Zhong-Min; 12C Pleasant Grove Apartments, Ithaca, NY 14850 (US). BEER, Steven, V.; 312 Eastwood Avenue, Ithaca, NY 14850 (US). Agents: GOLDMAN, Michael, L. et al.; Nixon, Hargrave, Devans & Doyle L.L.P., Clinton Square, P.O. Box 1051, Rochester, NY 14603 (US).	(84) Designated States: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, UZ, VN, ARIPO patent (KE, LS, MW, SD, SZ, UG), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i>	
(54) Title: HYPERSENSITIVE RESPONSE INDUCED RESISTANCE IN PLANTS		
(57) Abstract The present invention relates to a method of imparting pathogen resistance to plants. This involves applying a hypersensitive response elicitor polypeptide or protein in a non-infectious form to a plant under conditions where the polypeptide or protein contacts cells of the plant. The present invention is also directed to a pathogen resistant plant and a composition for imparting pathogen resistance to plants.		