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- (71) Applicant: Japan Science and Technology Corporation Kawaguchi-shi, Saitama-ken 332-0012 (JP)
- (72) Inventor: NAGAMORI, Seishi Minato-ku, Tokyo 105-0014 (JP)
- (74) Representative: Cresswell, Thomas Anthony
   J.A. KEMP & CO.
   14 South Square
   Gray's Inn
   London WC1R 5JJ (GB)

## (54) METHOD AND APPARATUS FOR PROLIFERATING HEPATITIS VIRUS

A method for proliferating a hepatitis virus such (57)as HCV and an apparatus therefor. A method of proliferating cells (for example, hepatocytes), which are less adhesive to a carrier, in a large amount over a long time. More particularly, the above method comprises infecting hepatocytes, which are maintained in a radial flow type hepatocyte bioreactor consisting of a main bioreactor unit containing the hepatocytes carried on a particulate porous carrier and a liquid culture medium flown from the periphery of the main bioreactor unit toward the center thereof, with a hepatitis virus; continuously flowing the liquid culture medium from the periphery of the main bioreactor unit toward the center thereof; and thus proliferating the hepatitis virus in the hepatocytes thus infected.

FIG. 1

