

PATENT ASSIGNMENT

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SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
David Castiel	06/14/1995
John Draim	06/14/1995
Kenneth F Manning	06/14/1995

RECEIVING PARTY DATA

Name:	Virtual Geosatellite Holdings, Inc.
Street Address:	4400 Massachusetts Avenue, #385
City:	Washington
State/Country:	DISTRICT OF COLUMBIA
Postal Code:	20016

PROPERTY NUMBERS Total: 1

Property Type	Number
Patent Number:	6263188

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:

6263188-ASSG

NAME OF SUBMITTER:

David Bogart Dort

Total Attachments: 2

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PATENT

REEL: 018847 FRAME: 0017

500217551

CH \$40.00 6263188



FISH &amp; RICHARDSON P.C.

ASSIGNMENT06662/005001  
US 5,845,206  
12-1-98

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assign(s), transfer(s) and set(s) over to:

**VIRTUAL GEOSATELLITE HOLDINGS, INC.**

having the address:

1120 - 19th Street, NW  
Suite 460  
Washington, DC 20036

(hereinafter designated as the "ASSIGNEE"), its successors and assigns, the entire right, title, and interest for the United States in the invention, and all applications for patent and any Letters Patent which may be granted therefor, including said application, and all United States Letters Patents which may be granted therefor, and all divisions, reissues, continuations and extensions thereof, the said interest being the entire ownership of said Letters Patent when granted to be held by said ASSIGNEE, its successors, assigns or their legal representatives, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been and enjoyed by Assignor(s) if this assignment had not been made, the application being known by the Title:

**AN ELLIPTICAL SATELLITE SYSTEM WHICH EMULATES THE CHARACTERISTICS  
OF GEOSYNCHRONOUS SATELLITES**

Attorney Docket No.: 06662/005001

for which the undersigned has/have executed an application for patent in the United States of America on the same day herewith. Where this instrument is not filed concurrently with the application, the following identifying information may be added after execution:

Serial No.: 08/409,808Filing Date: March 24, 1995

1. The undersigned hereby agree(s) to sign and execute any further documents and instruments which may be necessary, lawful and proper in the prosecution of said above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue application or in any amendments, extension or interference proceedings, or otherwise to secure the title thereto to the ASSIGNEE.

2. The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

3. The undersigned agree to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the ASSIGNEE.

4. The undersigned hereby authorize(s) and request(s) the Commissioner of Patents in the United States to issue any and all Letters Patents resulting from said application or any division or divisions or continuing applications thereof to the said ASSIGNEE.

5. The undersigned hereby grant(s) to the firm of Fish & Richardson P.C. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

June 14, 1995  
Date

David Castiel  
Typed Name: DAVID CASTIEL

June 14, 1995  
Date

John S. DRAIN  
Typed Name: JOHN DRAIN

June 14 95.  
Date

Kenneth F. Manning  
Typed Name: KENNETH F. MANNING

This assignment may be signed before a U.S. Notary Public or before at least two witnesses who also sign here:

June 14, 1995  
Date

Michael H. Stone  
Typed Name: MICHAEL H. STONE

June 14, 1995  
Date

NEEL K. SINGH, Jr.  
Typed Name: NEEL K. SINGH, Jr.