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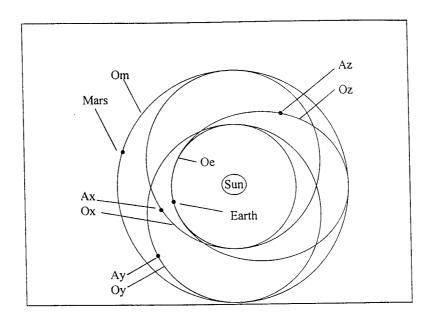
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(57) Abstract

A space transportation system which contemplates the use of multiple spacecraft or space-based base of operation, made up of at least two classes of objects which have the potential for repeated use: a) a relatively massive class of objects (Az, Ax, Ay) (man-made such as space stations and man-altered naturally occurring objects such as asteroids or comets); and b) a relatively less massive class of objects (spacecraft such as the shuttle orbiter or lunar or deep-space vehicles).

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International application No. PCT/US99/07489

	A. CLASSIFICATION OF SUBJECT MATTER				
' ()	364G 1/10 244/158R				
According to	International Patent Classification (IPC) or to both no	ational classification and IPC			
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Minimum do	cumentation searched (classification system followed	by classification symbols)			
U.S. : 2	44/158R, 159, 169				
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Documentati	on searched other than minimum documentation to the	extent that such documents are included	in the fields searched		
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C. DOC	UMENTS CONSIDERED TO BE RELEVANT				
Category*	Citation of document, with indication, where app	ropriate, of the relevant passages	Relevant to claim No.		
X	MITCHELL, WALDROP. SPACE CIT	TY. OCTOBER, 1983. SEE	1-3, 6-13		
	ENTIRE DOCUMENT				
Y	US 4,795,113 A (MINOVITCH) 13 J.	ANUARY 1989 (13.01.89),	1-3, 6-13		
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Y	US 5,441,221 A (WADE ET AL) 15	AUGUST 1995 (15.08.95),	4, 5		
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A	US 5,397,082 A (SCOTT) 14 MAR	Ch 1995 (14.05.75), SEE			
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