RESOLUTION NO. 23498

A RESOLUTION AUTHORIZING THE APPOINTMENT OF STEVE OWENS, FELIX VESS, TIMMY SYKES, JEFFREY HAZELWOOD AND RALPH BROWN AS SPECIAL POLICEMEN (ARMED) FOR THE CHATTANOOGA HOUSING AUTHORITY, TO DO SPECIAL DFire and ice – a good place to search for life?Jörn HelbertInstitute of Planetary ResearchDLRRutherfordstrasse 2UTY AS PRESCRIBED HEREIN, SUBJECT TO CERTAIN CONDITIONS.

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF CHATTANOOGA, TENNESSEE, That Steve Owens, Felix Vess, Timmy Sykes, Jeffrey Hazelwood and Ralph Brown be and are hereby appointed as special policemen (armed) for the Chattanooga Housing, 12489 BerlinGERMANYjoern.helbert@dlr.de Creating a habitable environment is a complex process involving a wide Authority, subject to certain conditions and restrictions:

variety of interacting processes. A prerequisite for any biological activity is an energy source. The terrestri1.Thaal example of the black smokers shows how efficient geothermal processes are as an energy source.There is ample t said special policemmorphological evidence for continuous and episodic volcanic activity over the geological history of Mars. The yoen shall have, possess and exercise every power, except as hungest ages determined by the crater size-frequency measurements are about 2 Ma suggesting that the volcanoes arereinafter limited, granted by the statutes of the State of Tennessee or the City of Chattanooga to regulare potentially still active today. While there is no direct evidence for volcanic activity the likelihood for loc police officers of the City of Chattanooga necessary in thealized hot spot activity or hydrothermal systems is very high.We have shown recently using thermo-physical model performance of their duties. Such powers and performance of duties by said special policemen are expressing that a morphologically identified glacial deposit on the northwestern flanks of Hecates Tholus contains veryly limited to the performance of duties in their po likely still a stagnant ice core. There are several units on Mars, especially on flanks of volcanic edifices, wsitions as Investigators for the Chattanooga Housing Authority.

2.That said special policehich based on morphological evidence may be glacial deposits and which are possibly still ice-cored. Combining tmehese two findings provides an interesting option for a biological niche. Our modeling shows that variations in tn shall not be considered employees of the Chattanooga Police Department, nor shall they be entitled to any benefits afforded regular police officers of the City, and shall in all respects be considehe climate and in the local internal heat flow due to ongoing volcanic activity can create a complex internal stred employees of the Chattanooga Housing Authority.

3.That such appointmructure of these ice deposits. The ice deposits can effectively store volcanic gases. The enrichment of water icents shall expire upe with volcanic gases might form a nutrient rich environment which is protected by a dust cover and sealed by anon termination of said special policemen’s employment by the Chattanooga Housing Authority. Notwithstanding any other provision herein, the City Council of the City of Chattanooga shall have the right to can enrichment of ice at the top. The implications for biological activity in these places deserve further attention.cel such appointment at any time.

ADOPTED:August 27, 2002

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