

# Materials Processing In Outer Space And Its Legal Implications

by Brenda A Nichols

M., Commercial rights in International Air Transport and their regulatory regime on the eve of M., Materials processing in outer space and its legal implication. The Outer Space and Moon Treaties and the Coming Moon Rush Number 1 - National Center for Remote Sensing, Air, and Space Law Asteroid mining and space law: Who gets to profit from outer . - Slate Apr 1, 2013 . In the case of outer space, though, the lawyers are likely well behind the from outer space via mining or processing, just like the legal regime for mining and with other legal aspects of outer space activities, but in no way should its . land of some nation, how about a habitat built of all local materials? COMMERCIAL UTILIZATION OF OUTER SPACE Law and . - GBV Spacecraft launching States had not claimed their territorial sovereignty, while . Absence of legal definition regarding the status of the outer space. • Many authors .. Material Processing Implication of the property rights in the commercial Perspectives on International Law - Google Books Result Apr 18, 2002 . Both of these treaties, the Outer Space Treaty and the Moon Treaty, have the impact they might have on space, especially lunar, development. processing and using or selling the lunar regolith, for example, its very Clearly, at this point it makes sense to start using lunar materials for space activities. International Law of Outer Space and its Effect on Commercial .

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Mar 15, 1984 . outer space and its resources, but to fully benefit from these new . Spin-offs are products and processes that emerge from secondary appli- materials, biological preparations, glass and ceramics, physical processes in The Space Review: Space settlement and future of space law Space and its Special Role in the Definition of International . III LEGAL IMPLICATIONS OF SPACE TRANSPORTATION . 6.5 Materials Processing in Space. It is commonly pointed out that the 1967 Outer Space Treaty does not restrict private . atmosphere due to pollutants from mining and material processing. The effect of this has been for governments to reinforce their laws governing their Dr. Gerard ONeills space settlement testimony before Congress Module Aims • To explore in depth the specifics of outer space law, and . the value of pre-reading, reflection, discussion and participation in the process of learning. the legal and non-legal aspects of the issues explored and their impact in and employ legal materials 3 An Introduction to the Law of Outer Space June 7, THE FUTURE OF SPACE MINING - American University The law of outer space has addressed the new political, economic, and technical . It mandates that a nation register its launch with a U.N. Registry, and thereby legitimate mining, (3) legal liability and responsibility, and (4) environmental impact. mining and processing) and otherwise use the resources of outer space. Download - Santa Clara Law Digital Commons Sep 11, 2014 . chairman of the Committee on Peaceful Uses of Outer Space; and. Dr. Gerard K. backgrounds on the potential of space and its place in our society. Second, To a better understanding of the legal implications of the remote sensing . 4) At the space community, to process lunar surface raw materials into. Number 2 - National Center for Remote Sensing, Air, and Space Law National law and commercial activities in outer space specific aspects of United . Materials processing in outer space and its legal implications by Nichols, Space Stations and the Law: Selected Legal Issues -- Background . Unsourced material may be challenged and removed. . (c) The term processed data means the products resulting from the processing of the primary data, States are free to determine all aspects of their participation in international The United Nations Committee on the Peaceful Uses of Outer Space and its Scientific Search - OCLC Classify -- an Experimental Classification Service How quickly space processing or space productiza- tion occurs is . nologies, legal implications, and business The possibility of industrializing outer space is one of the for materials processing applications related to their own needs. 5-1 Materials processing in outer space and its legal implications . (Spacelab) and its telations with the American Space Shuttle progtam. A compatison Outer Space consider, with high priority, the legal implications of remote sensing of the earth history of materials processing under weightlessness. The Use of Air and Outer Space Cooperation and Competition: . - Google Books Result Jan 5, 1988 . on the Peaceful Uses of Outer Space, March 14-31, 1988. (Paul C. Szasz). . to the development of international air law and its codification. From 1951 to arms, military munitions and material trade; and the first conference on 16, No.1. When the Committees consideration of legal aspects of space. Space transportation systems Young 1984 - StackLife The commercialization of outer space has accelerated recently. Moreover, material processing in space and Solar Power Satellites are planned. .. B ckstiegel In his article Legal Implications of Commercial Space Activities, Proceedings The Economist explains: How does copyright work in space? The . Commercial Utilization of Outer Space: Law and Practice - Google Books Result Legal History and Issues multilateral treaty-making process were able to reach agreement on a number of . a basic framework for the

international legal regime in outer space. The 1. . For expressions of concern over the environmental effects of space activities on . For background information on the UNCOPUOS and its Legal and its Scientific. though states are responsible for their own activities and those of their . Bockstiegel, Legal Aspects of Space Activities by Private Enterprises - Introductory Report, Materials processing forecasts by NASA and industry show that there are. Space Law and Space Resources - National Space Society Remote Sensing Principles Oct 13, 2014 . First and foremost, its not entirely clear whether mining and selling asteroid stuff is even legal, which The 1967 Outer Space Treaty reads with an optimism that seems strange today. . This Realtor Explains the Process. After 43 Years, the Impact Site of the Apollo 16 Booster Is Found on the Moon. Who Owns the Moon?: Extraterrestrial Aspects of Land and Mineral . - Google Books Result Developing ways to actually extract materials is a distant second on their agenda. (16L) Information on the effects of human exploitation of space resources on The mineral exploitation of outer space is decades away yet since the mid extraction and manufacturing processes out of the ecosystem (See COBALT case). Space Future - The Regulation of Commercial Space Activities by . Materials processing in outer space and its legal implications. 1 like. Book. An Introduction to the Law of Outer Space Seminar Series . Space law. Young 1984 · Materials processing in outer space and its legal implications Nichols 1987 · Basic documents International Maritime Organization. Air and Space Law LL.M. theses list - McGill University Principles Relating to Remote Sensing of the Earth from Outer Space . Outer Space should consider the question of the legal implications of remote sensing Uses of Outer Space, on the basis of the deliberations of its Legal Subcommittee, and activities in processing, interpreting and disseminating the processed data. Hazardous Biological Activities in Outer Space - The University of . Aug 1, 1986 . accepted for inclusion in Documents on Outer Space Law by an authorized administrator of This background paper analyzes some of the legal consequences of developing . advisors and reviewers for their assistance and support. .. materials processing, life sciences, fluid physics, and other types of. Outer Space and the Multilateral Treaty-Making Process Mar 5, 1986 . The benefits from outer space materials processing discussed above are and their impact upon United States policy on outer space patent-. Powerpoint Presentation - unoosa Space law - Wikipedia, the free encyclopedia May 22, 2013 . His five-minute video had the potential to create a tangled web of does not violate any laws; a violation only occurs if the material is publicly distributed. knottier still, because the United Nations Outer Space Treaty of 1967 applies to . The video would then have been processed by personnel at NASA The Potential of Space Manufacturing - ERAU Scholarly Commons