

# DSS's Impact BioMedical Receives Notice of Allowance for 3F Biofragrance Patent

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ROCHESTER, N.Y., Jan. 14, 2021 (GLOBE NEWSWIRE) -- Document Security Systems, Inc. ("DSS" or the "Company") (NYSE American: DSS), a multinational company operating businesses focusing on brand protection technology, blockchain security, direct marketing, healthcare, real estate, and securitized digital assets, today announced its wholly owned subsidiary Impact BioMedical, Inc. ("Impact BioMedical") received notice of allowance from the U.S. Patent and Trademark Office ("USPTO") for a [method/composition] patent for its proprietary 3F Biofragrance.

3F Biofragrance is a unique formulation of specialized ingredients (e.g. terpenes) from botanical sources with demonstrated effect as an insect repellent and an antimicrobial. The latest patent allowance (U.S. Patent Application No.: 16/593,693) provides intellectual property protection for the method of use of 3F Biofragrance as an insect repellent.

3F Biofragrance repellent contains botanical ingredients that mosquitoes avoid. These ingredients are scientifically proven to affect the mosquito's receptors, essentially making the insect blind to a human's presence. This can be utilized as a stand-alone repellent or as an additive in detergents, lotions, shampoo, and other substances to provide mosquito protection.

"This was one of three patents pending for 3F Biofragrance, and we are very pleased to have expanded our Impact BioMedical intellectual property estate with this allowance," stated Frank D. Heuszel, CEO of DSS. "With extensive application potential in multi-billion-dollar global markets, 3F Biofragrance can provide significant long-term value for shareholders as it moves toward commercialization."

The global market for insect repellents is expected to generate \$9.6 billion by 2026, growing at a CAGR of 6.8% from 2019 to 2016, and the global fragrance ingredients market is expected to reach \$16.1 billion by 2027, up from \$13.6 billion in 2019, according to data from Allied Market Research.

## **About Impact BioMedical, Inc.**

Impact BioMedical, Inc. ("Impact BioMedical") is a wholly owned subsidiary of DSS. Impact BioMedical strives to leverage its scientific know-how and intellectual property rights to provide solutions that have been plaguing the biomedical field for decades. By tapping into the scientific expertise of GRDG Sciences, LLC, and other partners, Impact BioMedical pledges to undertake a concerted effort to deliver unique offerings in human healthcare and wellness. For more information on Impact BioMedical visit <http://impbio.com/>.

## **About Document Security Systems, Inc.**

DSS is a multinational company operating businesses focused on brand protection technology, blockchain security, direct marketing, healthcare, real estate, and securitized digital assets. Its business model is based on a distribution sharing system in which shareholders will receive shares in its subsidiaries as DSS strategically spins them out into IPOs. Its historic business revolves around counterfeit deterrent and authentication technologies, smart packaging, and consumer product engagement. DSS is led by its Chairman and largest shareholder, Mr. Fai Chan, a highly successful global business veteran of more than 40 years specializing in corporate transformation while managing risk. He has successfully restructured more than 35 corporations with a combined value of \$25 billion.

For more information on DSS visit <http://www.dsssecure.com>.

**Investor Contact:**

Dave Gentry, CEO  
RedChip Companies Inc.  
407-491-4498  
[Dave@redchip.com](mailto:Dave@redchip.com)

### **Safe Harbor Disclosure**

This press release contains forward-looking statements that are made pursuant to the safe harbor provisions within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended. Such forward-looking statements include, but are not limited to, statements related to the Company's intended use of proceeds and other statements that are not historical facts. Forward-looking statements are based on management's current expectations and are subject to risks and uncertainties that may cause actual results or events to differ materially from those projected. These risks and uncertainties, many of which are beyond our control, include: risks relating to our growth strategy; our ability to obtain, perform under and maintain financing and strategic agreements and relationships; risks relating to the results of development activities; our ability to attract, integrate and retain key personnel; our need for substantial additional funds; patent and intellectual property matters; competition; as well as other risks described in the section entitled "Risk Factors" in the prospectus and in our other filings with the SEC, including, without limitation, our reports on Forms 8-K and 10-Q, all of which can be obtained on the SEC website at [www.sec.gov](http://www.sec.gov). Readers are cautioned not to place undue reliance on the forward-looking statements, which speak only as of the date on which they are made and reflect management's current estimates, projections, expectations and beliefs. We expressly disclaim any obligation or undertaking to release publicly any updates or revisions to any forward-looking statements contained herein to reflect any change in our expectations or any changes in events, conditions or circumstances on which any such statement is based, except as required by law.

