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Bradium Technologies LLC



Bradium Technologies LLC is a technology licensing company that owns three patents – U.S. Patent Nos. **7,139,794**, **7,644,131** and **7,908,343** – directed to optimizing image delivery over limited bandwidth communications channels.

The inventions covered by these **patents** are related to network-based image distribution systems and, in particular, to systems and methods for efficiently selecting and distributing image parcels through a narrowband or limited bandwidth communications channel to support presentations of high-resolution images subject to dynamic viewing frustrums (points of interest).

Bradium Technologies was established to further develop – and to commercialize and monetize – the technology covered by these three patents. Bradium Technologies is a subsidiary of **General Patent Corporation** (GPC), a leading patent monetization firm, and General Patent is Bradium Technologies' managing partner and exclusive licensing agent.



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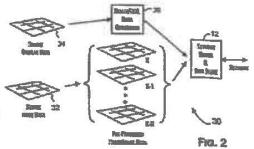
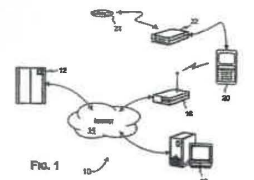
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About Bradium Technologies

Bradium Technologies LLC owns three U.S. Patents that cover the optimization of image delivery of limited bandwidth communications channels:

- **U.S. Patent No. 7,139,794** "System and Method for Network Image Delivery with Dynamic Viewing Frustrum Optimized for Limited Bandwidth Communication Channels"
- **U.S. Patent No. 7,644,131**: "Optimized Image Delivery Over Limited Bandwidth Communication Channels"
- **U.S. Patent No. 7,908,343** "Optimized Image Delivery Over Limited Bandwidth Communication Channels"

The technology covered by this portfolio is related to network-based image distribution systems and, in particular, to systems and methods for efficiently selecting and distributing image parcels through narrowband or limited bandwidth communications channels in support of the presentation of high-resolution images subject to dynamic viewing frustrums (points of interest).



The inventors of these patents were the first to architect a system to allow bandwidth-efficient viewing of large images, such as maps or satellite images, on bandwidth limited devices, such as cellphones. The inventors were the first to combine multi-resolution tiling, caching, and priority based retrieval to create this system.

The application of this technology is to view mapping software and online mapping services on cell phones, smartphones, PDAs and other devices, allowing users to locate distinct geographic landmarks. Bradium Technologies was established to further develop this technology, expand its uses and applications, and, ultimately, commercialize and monetize this patent portfolio.

Bradium Technologies LLC is a subsidiary of **General Patent Corporation**, a leading patent monetization firm, that is Bradium's managing partner and exclusive licensing agent.

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Bradium Technologies Patent

Bradium Technologies LLC owns a three-patent portfolio directed to optimizing image delivery over limited bandwidth communications channels.

- **U.S. Patent No. 7,139,794**, "System and Method for Network Image Delivery with Dynamic Viewing Frustrum Optimized for Limited Bandwidth Communication Channels," is directed to a parcel rendering system displaying tiled graphics with an assigned priority. This patent was filed on December 24, 2001 and issued on November 21, 2006. It has two independent claims. Click [here](#) for a .pdf of this patent.
- **U.S. Patent No. 7,644,131**, "Optimized Image Delivery Over Limited Bandwidth Communication Channels," is directed to the display of large images over a limited bandwidth communications network by rendering smaller image parcels of a fixed size, constrained to a resolution less than or equal to that at a client device. This patent was filed on December 24, 2001 and issued on January 5, 2010. The patent has 11 claims, one of which is independent. Click [here](#) for a .pdf of this patent.
- **U.S. Patent No. 7,908,343**, "Optimized Image Delivery Over Limited Bandwidth Communication Channels," is a continuation of the '131 patent and is directed to the display of large images over a limited bandwidth communications network by rendering smaller image parcels of a fixed size at the client device, such as a cell phone. This patent was filed on November 16, 2009 and issued on March 15, 2011. This patent has 20 claims, two of which are independent. Click [here](#) for a .pdf of this patent.

The exclusive licensing agent for these patents is General Patent Corporation.

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The screenshot shows a web browser window with the URL <http://www.bradiumtechnologies.com:80/contact-us>. The browser's address bar includes a search engine icon, a calendar showing the month of August 2015, and social media icons for Facebook and Twitter. The page content is divided into two main sections. On the left is a navigation menu with links for Home, About Us, Patents, Contact Us (highlighted in red), and Links. Below the navigation menu is a 'Newsletter Sign Up' section for 'Wealth of Ideas', featuring an 'Email Address' input field and a 'Subscribe' button. A privacy notice for 'SafeSubscribe' is visible below the form. At the bottom of the left sidebar, there are links for 'General Patent Corporation' and 'IP Holdings LLC'. The right section of the page is titled 'Contact Us' and contains the following text: 'Further Information on Bradium Technologies is available by contacting us: Bradium Technologies LLC, 75 Montebello Road, Suffern, NY 08889-3746, USA. Attn: Director of Licensing, email: info@generalpatent.com, phone: +1 (845) 368 4000 Ext. 107, Monday through Friday, 9:00 a.m. - 6:00 p.m., Eastern Time (Greenwich-5)'. The browser's status bar at the bottom shows the page was captured on 8/24/2018.

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