

## ***History and Mission***

### ***History***

The Green Brick Company is a direct result of the R&D conducted by Freight Pipeline Company (FPC). Both companies are founded by Dr. Henry Liu who is an inventor, scientist, engineer, educator, researcher, and entrepreneur. The company is co-owned by him and his wife Susie. Dr. Liu started FPC in 2001 upon early retirement from the University of Missouri-Columbia (UMC) where he was an engineering professor and research center director. While serving as the Director of Capsule Pipeline Research Center at UMC, Dr. Liu and his colleagues invented and developed several new technologies in the fields of capsule pipelines, coal log pipeline, and high-pressure compaction of biomass and fly ash. FPC was incorporated in the state of Missouri on February 8, 2001. Initially based at Dr. Liu's home, in 2004 the co-owners bought a 2.5-acre land at a new industrial area of Columbia, and commissioned a 3,000 sq. ft building to house FPC. The Company moved into this new building on July 1, 2005. The Green Brick Company will also be housed in this building, and expansion is planned as soon as funding is available. A venture capitalist will invest the needed funds for an addition that will double the building size and accommodate a significant increase in employees. The Green Brick Company became an LLC registered in the State of Missouri in June 2007.

### ***Mission***

Like FPC, Green Brick Company (GBC) will continue to seek grants and contracts from governmental and private sources to develop and implement (bring to commercial use) innovative new technologies that will expand and enhance the use of fly ash brick. Through its R&D program, Green Brick Company will continue to develop these technologies/products and apply for intellectual properties (patents, trademarks and copyrights) once they are proven ready for market. While GBC's long-term income will come from selling the IP rights or licensing the *Greenest Brick* to block and brick companies, the companies (licensees) will also realize long-term profit as they meet the demand for a clean "green" emission-free brick. We also expect to see new interest in the collection and marketing of Class C fly ash. Whether it's the power plants that handle fly ash distribution or independent entrepreneurs seeking a new business extracting it from the landfills and slurry ponds—the end result will be a cleaner environment. Significant investment such as that provided by a venture capitalist will be rewarded by royalties. New brick factories (licensees) will receive the advantage of GBC's R&D through assistance with plant development, product production and the first come-first served advantage of adding new products as they are made ready by Green Brick Company engineers.