

**Docket #:** S02-085

# Rate Allocation for CDMA/OFDM

Stanford researchers in John Cioffi's lab have developed a method and apparatus for controlling the data rate in the uplink of a Code Division Multiple Access (CDMA)/ Orthogonal Frequency Division Multiplexing (OFDM) system. This approach allows simultaneous data transmission for multiple users via shared frequency and spatial resources without affecting bandwidth.

## Applications

- Data Communications
- CDMA/OFDM system

## Advantages

- Optimal signal quality
- Highest data transmission rate
- Maximized system throughput

## Patents

- Issued: [8,064,325 \(USA\)](#)

## Innovators

- John Cioffi
- Avneesh Agrawal

# Licensing Contact

**Mona Wan**

Senior Licensing Manager for Special Projects

[Email](#)