

CREDIT DEFAULT SWAPS (CDS)  
 are fine, but ~~are~~ without regulation, they are crazy!

CAN'T LEND UNLESS AA

Ratings Agency  
 Moody's

Ratings  
 AAA good  
 AA  
 A  
 BBB less good  
 BB  
 B  
 A  
 ...

Pension Fund  
 needs to invest to make \$ requires AA Rating

ABC corp  
 Rating BB  
 needs to borrow 1B \$

Insurance  
 10% fee

10% interest  
 Lend 1B \$

Insurance Company

AI G Rating AA

- sell insurance to pension fund \$ BB rating of ABC corp becomes AA.
- if ~~ABC~~ ABC corp defaults AI G will pay pension fund 1B \$

Hedge Fund  
 ① Loans no money to ABC corp.  
 ② Buys CDS (gambling) on ABC corp for \$10B.

But AI G does not have to set a side money in case ABC corp Defaults.  
 if capital requirements

sell CDS for \$10B  
 pays ABC corp Defaults if

## pension funds

- ① we give money to pension fund
- ② they hold our money until we retire
- ③ pension fund invests money & earns return
- ④ they keep some of return
- ⑤ they give us some of return
- ⑥ when we retire we get our money back plus extra.

## Default

company can't pay money back

## Interest

Rent on money

Mortgage check Buyer  
 Broker not Home with  
 ① Does not if job  
 to see good income  
 has good income  
 high income  
 mortgage to  
 loan to  
 ②

Home Buyer  
 ① says they have  
 good job with  
 high income

Fannie Mae  
 or  
 other financial firms  
 or  
 collateralized Debt obligation

Sells loan  
 \$

Fee  
 loan

Does M.B. care if  
 loan defaults if  
 he has already  
 been paid?