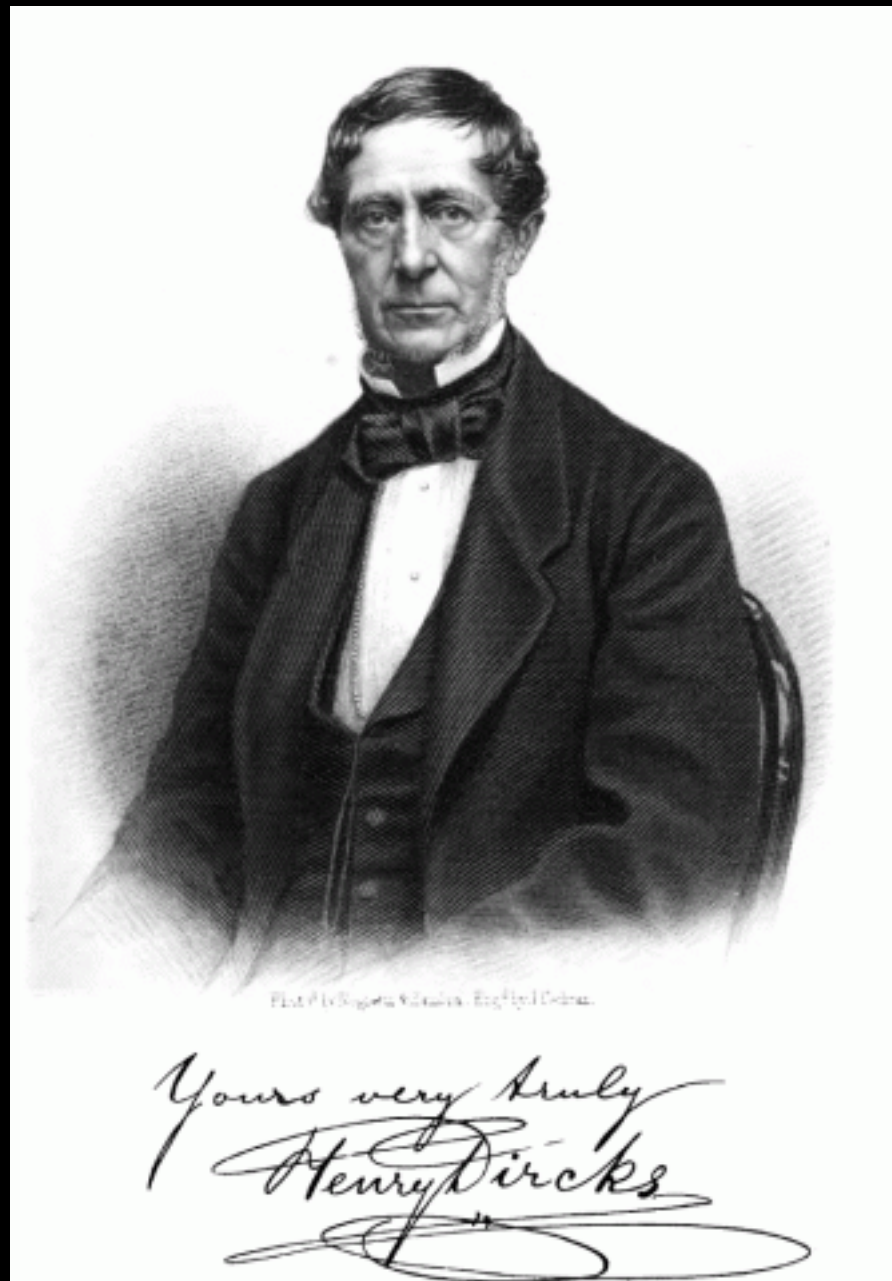


PEPPER'S GHOST EFFECT

BY TOJO RASEDOARA

What is a Pepper's
ghost effect?



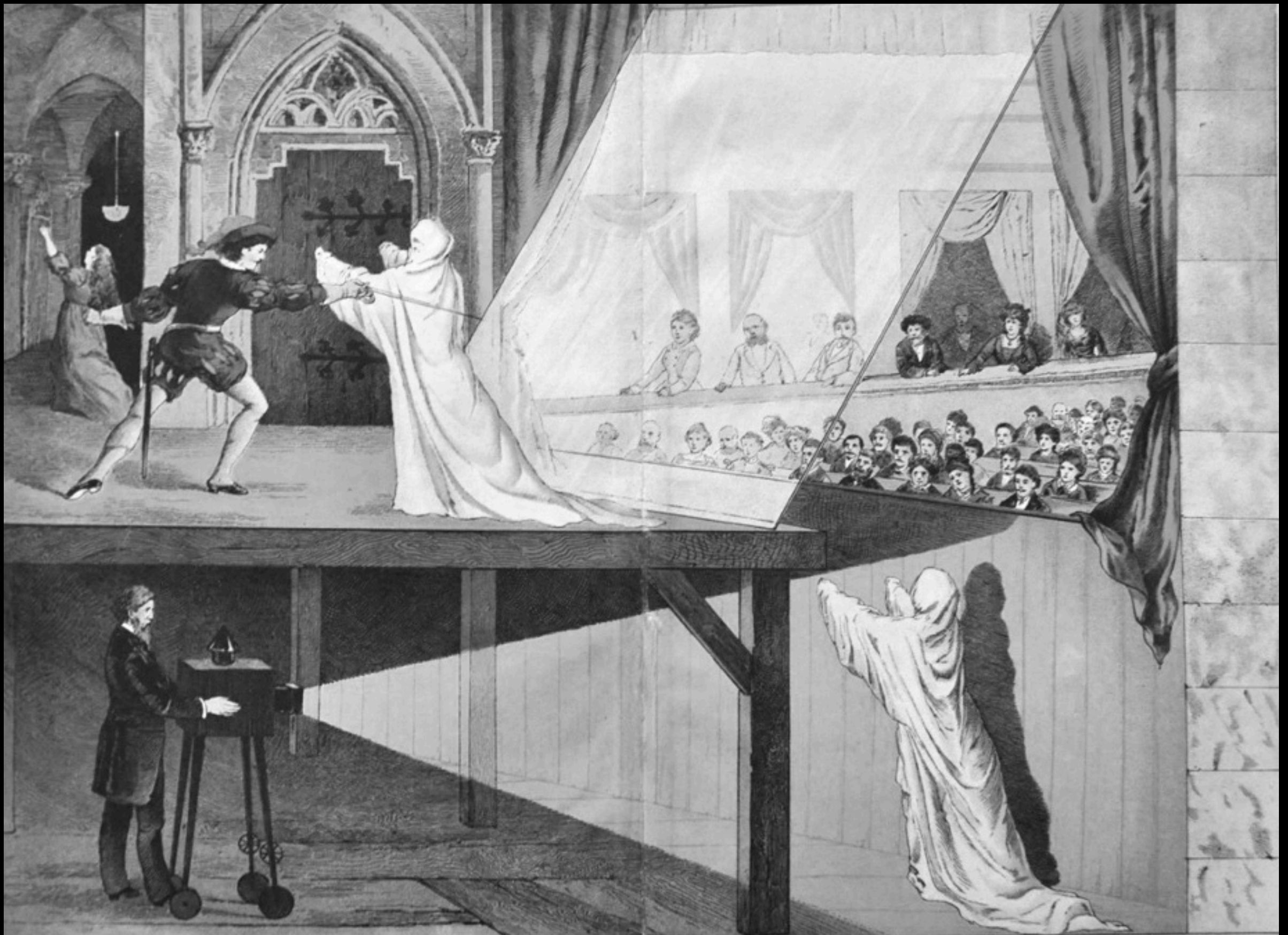
An illusion technique created by Both Dircksian
Phantasmagoria (Engineer) and John Henry Pepper (Scientist).

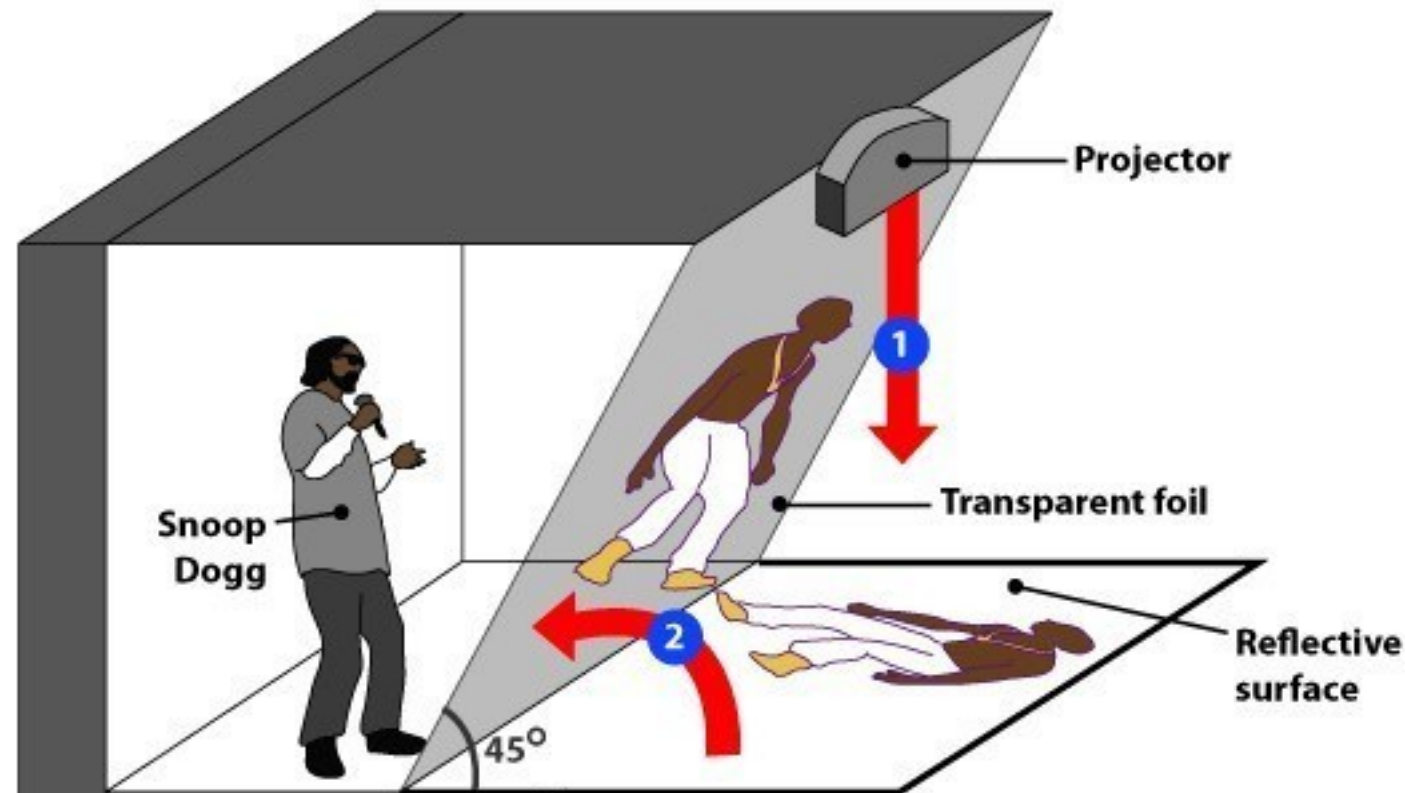
Goal

Apply the effect in any house attraction / theme park / live performance

METHOD

- Place Plexiglass at 45 degree angle facing the audience
- Have a projectile placed at 90 degree of the Plexiglass
- Have props or Actors



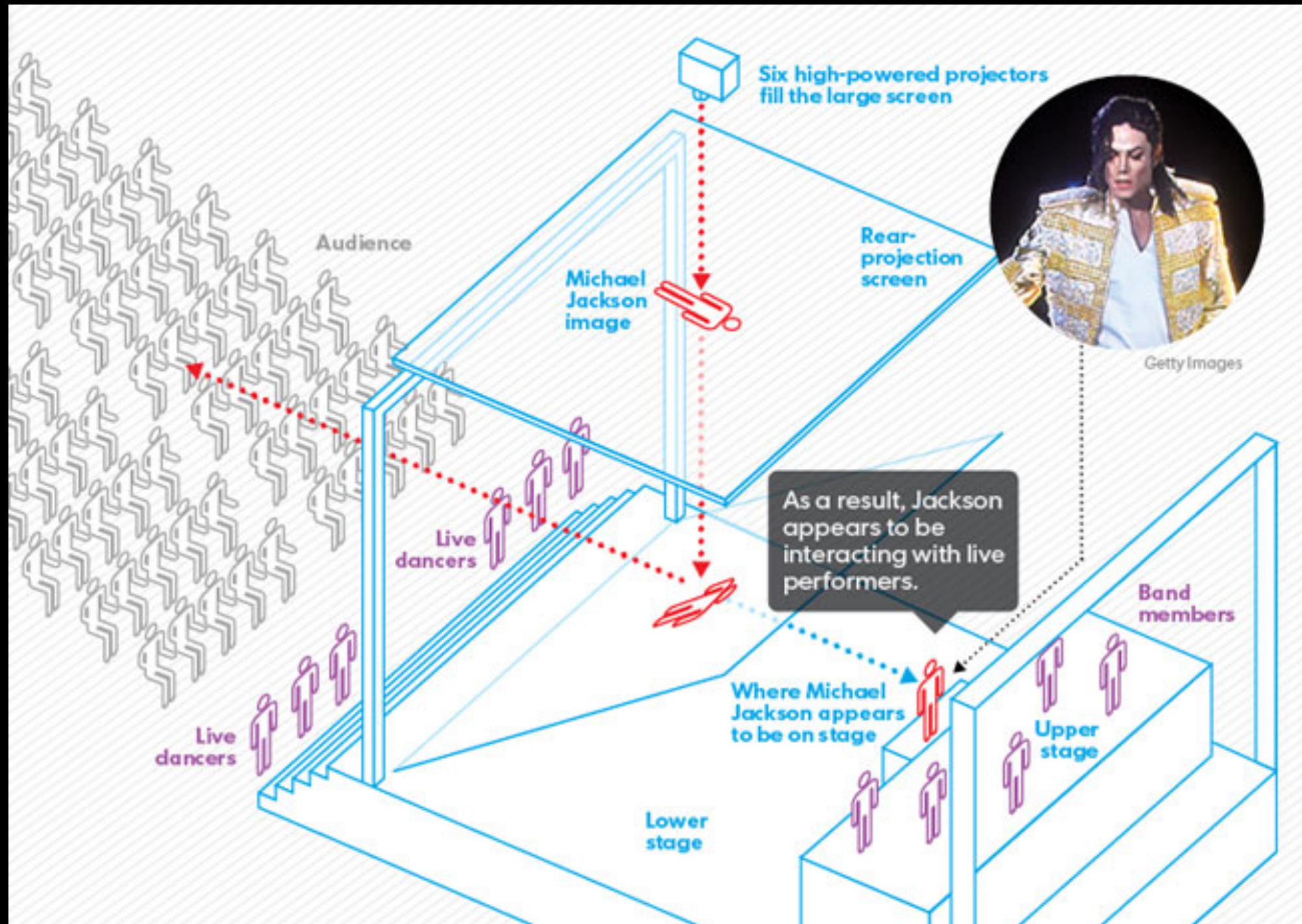


Source: Musion Eyeliner system patent (U.S. Patent No. 5,865,519, "Device For Displaying Moving Images In The Background Of A Stage"); Musion Systems Ltd.

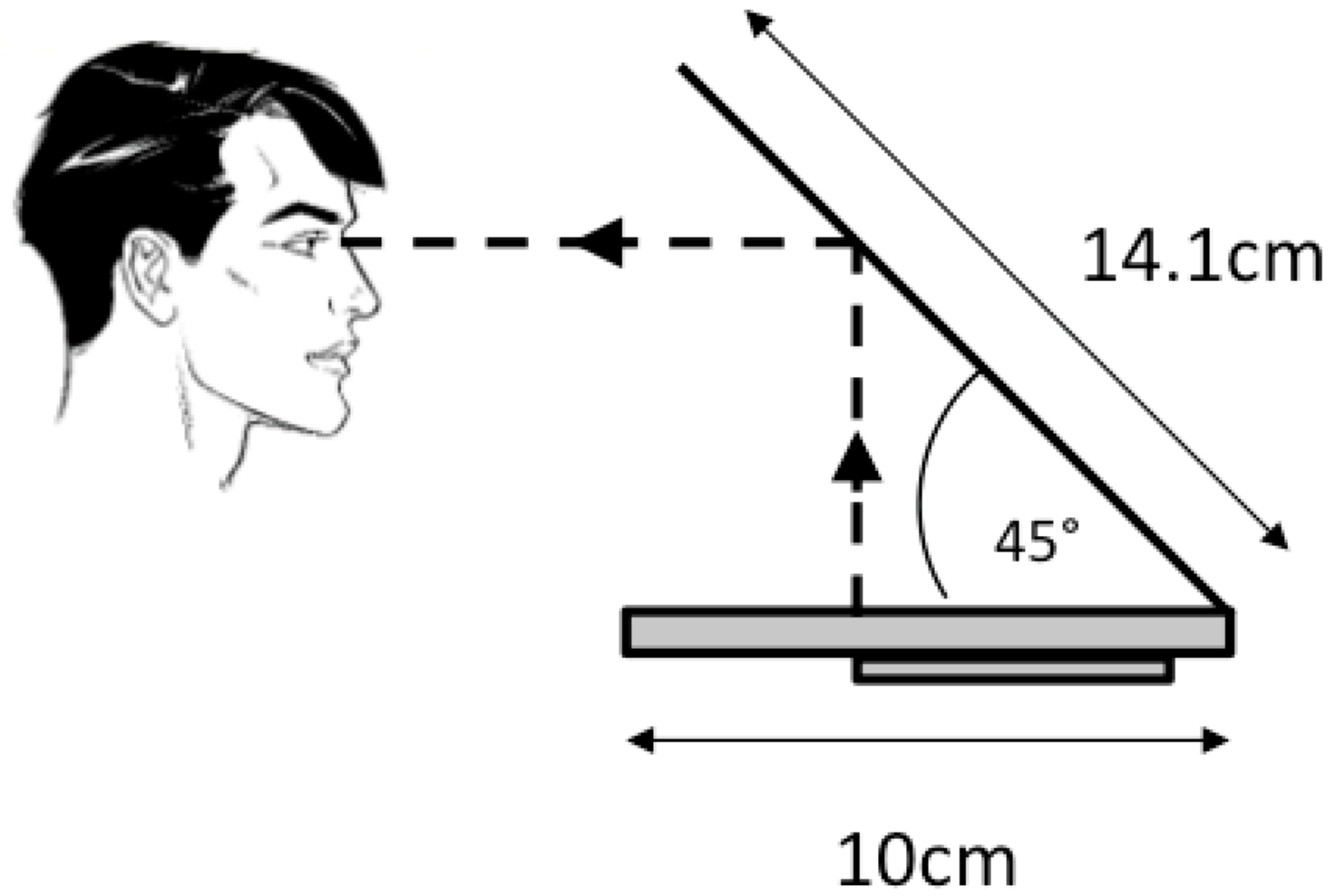
- 1** Animation of Tupac is projected onto the mirrored surface
- 2** Image is reflected onto the transparent screen, which is angled such that the audience sees Tupac but not the foil.

Graphic by Roxanne Palmer for the International Business Times

Snoop Dog & Tupac Pepper's ghost effect
Coachella 2012



Michael Jackson. Pepper's Ghost effect
Billboard Awards 2014



Inventory List

Quantity	Unit	Materials	Materials Purpose	Unit Cost	Extended Unit Cost
1		Duck Tape	Covering scenery	\$ 3.99	\$3.99
13		20 X 30 white cardboard	Scenery	\$ 1.99	\$25.87
1		Glue	To maintain the cutted board from falling	\$ 4.00	\$4.00
1		fiber glass	To project the reflection of monitor	\$ 7.99	\$7.99
1		Mod Podge	Seal paint and make it gloss	\$ 8.99	\$8.99
1		Craftsman paint	Red Paint For Chimney	\$ 1.49	\$1.49
1		Craftsman paint	Blue Paint For Chimney	\$ 1.49	\$1.49
1		Craftsman paint	Brown Paint For Chimney	\$ 1.49	\$1.49
1		Craftsman paint	Green Paint For Chimney	\$ 1.49	\$1.49
1		Craftsman paint	White paint For Chimney	\$ 1.49	\$1.49
1		Craftsman paint	Black paint For Chimney	\$ 4.99	\$4.99
1		Craftsman paint	Gray paint For Chimney	\$ 4.99	\$4.99
1		Set of paint brush	to paint Chimney and other furnitures	\$ 4.99	\$4.99
2		Foam Wall Pink Panther	To suport stage and build chimney	\$ 6.00	\$12.00
1		Grim Reaper costume	Used to play for the ghost	16.94	16.94
1					
1		20x20 Card board	To build bricks	owned	owned
1		Ruler	To Maintain the accuracy of the cut	owned	owned
1		Tape measure	To measure the amount of white board needed	owned	owned
1		Pencil	To mark the amount needed	owned	owned
1		Blade cutter	To cut the board	owned	owned
1		Monitor	To be used as projection	owned	owned
			TOTAL		\$102.20



Challenges:

- Minimize the weight (Prototype) (Show picture)
- Right scaling
- Time consuming tutorials (after effects, building fireplace ect)
- Facilitate carry on (detachable & easy to assemble)
- Audience's view

Conclusion

- Not easy to build in normal scale
- Requires specific angle for the audience to be in
(can be challenging depending the location)
- Need for Darkness